Handbook of Labor Statistics

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Bureau of Labor Statistics
June 1985

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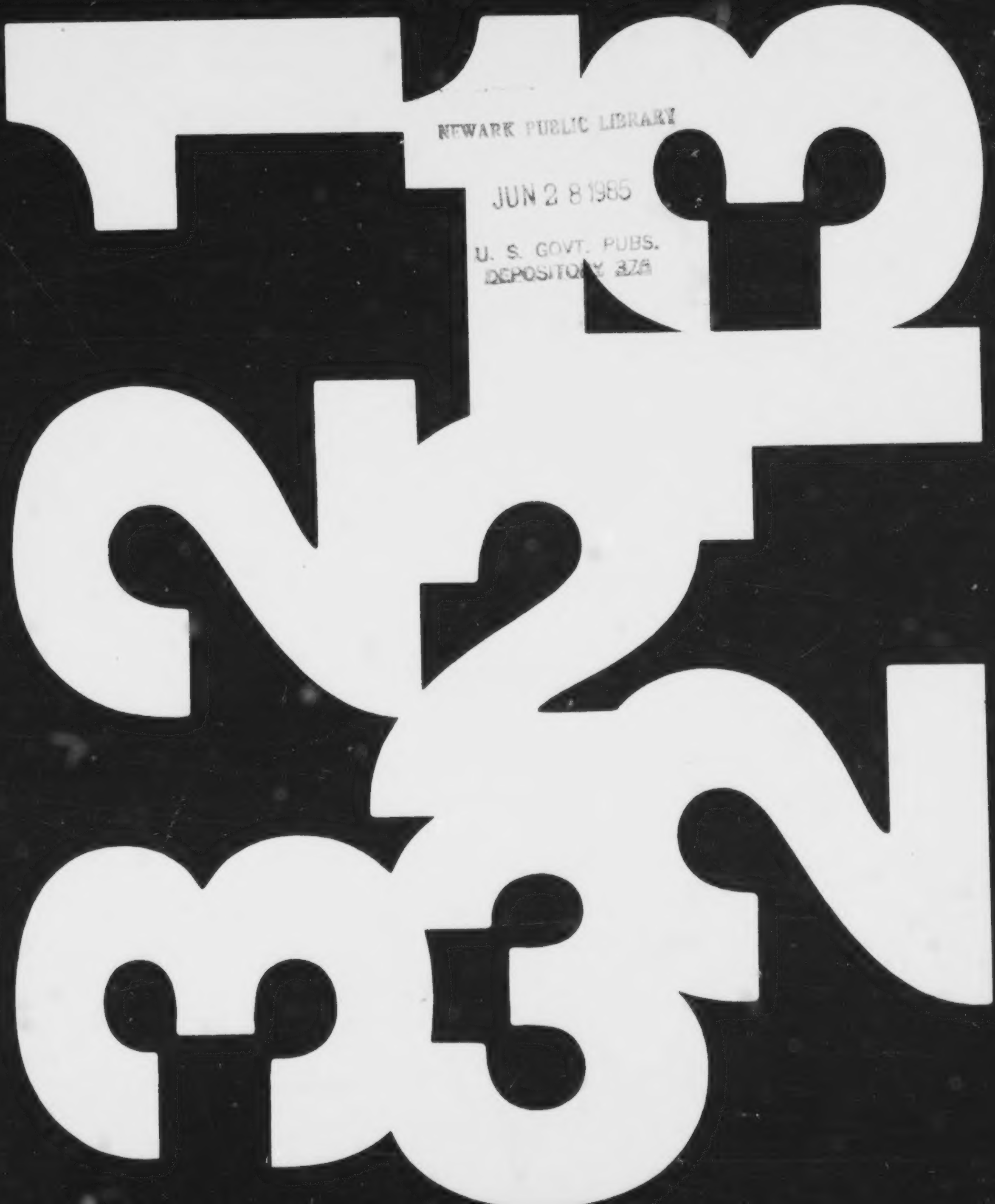

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Handbook of Labor Statistics

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Bureau of Labor Statistics
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June 1985

Bulletin 2217

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Preface

This publication makes available in one volume the major series produced by the Bureau of Labor Statistics. In general, each table begins with the earliest reliable data and ends with 1983. Because of space limitations, some intervening years have been omitted from most tables. These data can be found in the 1978 edition of the *Handbook* (Bulletin 2000) or by contacting the BLS Office of Publications. Data in this publication may differ from data previously published. BLS data are revised periodically to adjust to more recent benchmarks and to incorporate more complete data from survey respondents. See the technical notes preceding each major section for more information on data changes and for explanations of the series. For a more detailed description of individual Bureau programs together with lists of technical references, see *BLS Handbook of Methods*, Vol. 1, Bulletin 2134-1 and Vol. 2, "The Consumer Price Index," Bulletin 2134-2. The scope of the Bureau's major programs also is described in *Major Programs Bureau of Labor Statistics*, Report 693.

This volume was compiled in the Office of Publications by Eugene H. Becker with the cooperation of the program offices of the Bureau of Labor Statistics. Gloria Green of the Bureau's Office of Employment and Unemployment Statistics had special responsibility for the photocomposition of tables 1 through 90; the Division of Production Services of the Office of Publications had responsibility for the photocomposition of the balance of the book. Material in this publication is in the public domain and, with appropriate credit, may be reproduced without permission.

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Technical Notes

Current Population Survey (household survey)

(Covers tables 1–62)

Collection and coverage

Statistics on the labor force, employment, unemployment, and persons not in the labor force, classified by a variety of demographic, social, and economic characteristics, are derived from the Current Population Survey (CPS), which is conducted by the Bureau of the Census for the Bureau of Labor Statistics. A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived From the Current Population Survey*, BLS Report 463. Complete historical national data appear in *Labor Force Statistics Derived From the Current Population Survey: A Databook*, BLS Bulletin 2096, and its supplement.

These monthly surveys of the population are conducted using a scientifically selected sample of 60,000 households designed to represent the civilian noninstitutional population. In addition to providing monthly statistics on the employment status of the population, the CPS, through special inquiries repeated annually in the same month, provides detailed supplementary information from particular segments, or for particular characteristics of the population. These inquiries include the extent of work experience of the population during the year, the marital and family status of workers, the annual earnings and income of individuals and families, and the employment status of such groups as working mothers with children, high school graduates and dropouts, and recent college graduates. Special surveys are also conducted periodically on such subjects as occupational mobility and job tenure. Weekly and hourly earnings information was collected in May until 1979; for 1979 forward, quarterly and annual averages are available.

Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. (Separate monthly statistics are also collected for 14- and 15-year-olds.) The interviewer asks a series of standard questions on activity or status during the calendar week, Sunday through Saturday, which includes the 12th day of the month; this is known as the survey week. Actual field interviews are conducted during the following week. The primary purpose of these questions is to classify the sample population into three basic groups—the employed, the unemployed, and those not in the labor force.

Inmates of institutions and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics. Data on members of the Armed Forces stationed in the United States are obtained from the Department of Defense and are included as part of the categories "noninstitutional population," "labor force," and "total employment."

Concepts and definitions

The criteria used in classifying persons on the basis of their labor force activity have been modified but not substantially altered since the inception of the CPS in 1940. These criteria are as follows:

Employed persons are (1) all civilians who, during the survey week, did any work at all as paid employees in their own business or profession or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a family member; and (2) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or various personal reasons, whether or not they received pay for the time off or were seeking other jobs. Members of the Armed Forces stationed in the United States are also included in the employed total.

Also included in the total are employed citizens of foreign countries who are temporarily in the United States but not living on the premises of an embassy. Excluded are persons whose only activity consisted of work around their own home (such as household chores, painting, repairing, etc.) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons are all civilians who had no employment during the survey week, were available for work, and (1) had made specific efforts to find employment sometime during the prior 4 weeks, or (2) were waiting to be recalled to a job from which they had been laid off, or (3) were waiting to report to a new job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work breaks the continuity of the present period of jobsearching. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployment is also categorized according to the status of individuals at the time they began to look for work. These "reasons for unemployment" are divided into four major groups: (1) Job losers are persons whose employment ended involuntarily and who immediately began looking for work and persons on either temporary or indefinite layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or more but who were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or more.

The *civilian labor force* equals the sum of all civilians classified as employed and unemployed in accordance with the criteria described above. The *labor force* also includes members of the Armed Forces stationed in the United States.

The *full-time labor force* consists of all civilians working on full-time schedules, persons involuntarily working part time for economic reasons, and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time jobs. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

The *overall unemployment rate* represents the number unemployed as a percent of the labor force, including members of the Armed Forces stationed in the United States.

The *unemployment rate for all civilian workers* is the percentage of unemployed persons in the civilian labor force. This measure can be computed for groups within the labor force, such as age, sex, race, ethnic origin, marital status, etc.

Participation rates represent the percentage of the population that is in the labor force. The *labor force participation rate* is the ratio of the labor force, including the resident Armed Forces, to the noninstitutional population; the *civilian labor force participation rate* is the ratio of the civilian labor force to the civilian noninstitutional population.

Employment-population ratios represent the percentage of the noninstitutional population that is employed. The *total employment-population ratio* is total employment, including the resident Armed Forces, as a percent of the noninstitutional population. The *civilian employment-population ratio* is the percentage of all employed civilians in the civilian noninstitutional population.

Not in the labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are classified as "keeping house," "in school," or "unable to work" because of long-term physical or mental illness, "retired," and "other." The "other" group includes the voluntarily idle, seasonal workers for whom the survey week fell in an "off" season and who were not reported as looking for work, those reported as too old to work, and persons who did not look for work because they believed that no jobs were available because of the prevailing economic situation or because of various personal factors—age, lack of education or training, etc. Persons doing only incidental, unpaid family work (less than 15 hours during the survey week) are also classified as not in the labor force. For persons not in the labor force, detailed information is obtained on their previous work experience, intentions to seek work, desire for a job at the time of interview, and reasons for not seeking work.

Occupation, industry, and class of worker for the employed pertain to the job held in the survey week. Persons with two or more jobs are classified in the occupation at which they worked the greatest number of hours during the survey week. The unemployed in these categories are classified according to their last full-time job lasting 2 weeks or more. The occupation and industry groups used in the CPS through December 1982 are defined as in the 1970 census. Beginning in January 1983, they are defined as in the 1980 census.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, persons who usually work 40 hours a week but were off on the Columbus Day holiday would be reported as working 32 hours even though they were paid for the holiday. For persons working in more than one job, the data relate to the number of hours worked in all jobs during the week, and all the hours are credited to the major job.

Persons who worked 35 hours or more during the survey week are designated as working full time. Correspondingly, those who worked between 1 and 34 hours are designated as working part time. Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). Economic reasons include slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. Other reasons include labor-management disputes, bad weather, own illness, vacations, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons but usually work full time.

Race of workers is described by the terms white, black, and other. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term black is used in this volume when the relevant data are provided exclusively for the black population. Because of their relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or other Hispanic origin or descent. Persons of Hispanic origin may be of any race; thus, they are included in both the white and black population groups.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Data are limited to men in the civilian noninstitutional population; that is, veterans in institutions and women are excluded. Nonveterans are men who never served in the Armed Forces.

The *poverty areas* classification consists of all census geographic divisions in which 20 percent or more of the residents were poor according to the 1970 decennial census. Persons were classified as poor or not poor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low income residents, many poor persons live outside these areas, and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 decennial census and does not include any subsequent additions or changes. *Nonmetropolitan areas* refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . . USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks during the past 4 or 5 months. Data refer to wage and salary workers (excluding the incorporated self-employed) who usually work full time on their sole or primary job.

Single, never married; married, spouse present; and *other marital status* are terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were reported as members of the same household even though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family even though they may include a related subfamily, that is, a married couple or a parent-child group related by birth or marriage to the housholder and sharing the living quarters. The count of families used in this publicaton excludes unrelated subfamilies such as lodgers, guests, or resident employees living in a household but not related to the householder. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife or other person maintaining the family is either self-employed or in the Armed Forces.

Historical comparability

Change in lower age limit. The lower age limit for official statistics on the labor force, employment, and unemployment was raised from 14 to 16 years of age in January 1967. Insofar as possible, historical series have been revised to provide consistent information based on the population 16 years and over. For a detailed discussion of this and other definitional changes introduced at that time, including estimates of their effect on the various series , see "New Definitions for Employment and Unemployment," *Employment and Earnings and Monthly Report on the Labor Force,* February 1967.

Other changes affecting labor force levels. In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data: (1) Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; civilian labor force, employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected. (2) Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the civilian labor force—four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected. (3) Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and civilian labor force and employment by about 200,000; unemployment totals were virtually unchanged. (4) Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; civilian labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged. (5) A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black-and-other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected. (6) Beginning in 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an inflation-deflation approach. This change in the derivation of the estimates had its greatest effect on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16-and-over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings.* (7) Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 men and 46,000 women. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population. (8) Beginning in 1978, the introduction of an expansion in the sample and revisions in the estimation procedures resulted in an increase of about 250,000 in the civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings.* (9) Beginning in January 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. Differences between the old and new procedure exist only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey Beginning in January 1979" in the February 1979 issue of *Employment and Earnings.* (10) Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the estimation procedure. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings.* In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referred to above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Beginning in January 1983, the first-stage ratio adjustment methodology was updated to account for results obtained from the 1980 census. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings.* There are only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually no differences in estimates of participation rates.

Changes in the occupational and industrial classification system. Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisions of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a futher explanation of the changes in the occupational classification system, see "Revisions in Occupational Classification for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings.*

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. These systems differ from those developed for the 1970 census which were used in the CPS from January 1971 through December 1982. While this conversion had little effect on industry-related data, the new occupational categories are so radically different that their implementation represents a break in historical data series.

Additional information on the 1980 census occupational and industrial classification systems appears in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings.*

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Similarly, sums of percent distributions may not always equal 100 percent because of rounding. Differences, however, are insignificant.

Moreover, estimates in this volume in many instances may differ slightly from those previously published because they reflect computations with new computer techniques which maintain more precision in calculations than the procedures previously used.

Sampling variability

Statistics derived from the CPS are subject to sampling error; that is, the estimates of employment, unemployment, and other labor force measures may differ from the figures that would be obtained if it were possible to take a complete census, even if the same questionnaires and procedures were used. The standard error is the measure of sampling variation—the variation that occurs by chance because a sample rather than the entire population is surveyed. The numerical value of a standard error depends upon the size of the sample, the results of the survey, and other factors. However, the numerical value is always such that the chances are approximately 68 out of 100 that an estimate from the survey differs from a figure that would be obtained through a complete census by less than the standard error. The chances are approximately 90 out of 100 that an estimate based on the sample will differ by no more than 1.6 times the standard error. At about the 90-percent level of confidence—the confidence limits used by BLS in analysis of labor force data—the error for the monthly change in civilian employment is on the order of plus or minus 328,000; for total unemployment, it is 220,000; and for the civilian unemployment rate, it is 0.19 percentage point. These figures do not mean that the sample results are off by these magnitudes but, rather, that the chances are approximately 90 out of 100 that the "true" level or rate would not be expected to differ from the estimates by more than these amounts. Sampling errors for monthly surveys are reduced when the data are cumulated for several months, such as quarterly or annually. Tables B through K in the Explanatory Notes of *Employment and Earnings* provide approximations of the standard errors for unemployment and other labor force estimates derived from the CPS.

State and Area Labor Force Data

(Covers tables 43-45)

Data on the labor force, employment, and unemployment in State and sub-State areas are available from two major sources—the Current Population Survey (CPS) and the Federal-State Cooperative Program. This publication presents data from the CPS for regions and States. It provides annual averages for the employed and the unemployed by selected demographic characteristics based on population counts projected from the 1980 decennial census.

The official Bureau of Labor Statistics estimates for States, metropolitan areas, and central cities, which are the basis for determining the eligibility of an area for benefits under Federal economic assistance programs, result from the Federal-State Cooperative Program. BLS is responsible for establishing the estimating procedures; the State employment security agencies are responsible for developing the estimates. For all States and the District of Columbia, the official annual average estimates are obtained directly from the CPS.

Table 1. Employment status of the noninstitutional population by sex, 1950-83

(Numbers in thousands)

Year and sex	Noninstitutional population	Labor force									Not in labor force
		Number	Percent of population	Employed					Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force	
						Total	Agriculture	Nonagricultural industries			
TOTAL											
1950	106,164	63,377	59.7	60,087	1,169	58,918	7,160	51,758	3,288	5.2	42,787
1951	106,764	64,160	60.1	62,104	2,143	59,961	6,726	53,235	2,055	3.2	42,604
1952	107,617	64,524	60.0	62,636	2,386	60,250	6,500	53,749	1,883	2.9	43,093
1953[1]	109,287	65,246	59.7	63,410	2,231	61,179	6,260	54,919	1,834	2.8	44,041
1954	110,463	65,785	59.6	62,251	2,142	60,109	6,205	53,904	3,532	5.4	44,678
1955	111,747	67,087	60.0	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660
1956	112,919	68,517	60.7	65,764	1,965	63,799	6,283	57,514	2,750	4.0	44,402
1957	114,213	68,877	60.3	66,019	1,948	64,071	5,947	58,123	2,859	4.2	45,336
1958	115,574	69,486	60.1	64,883	1,847	63,036	5,586	57,450	4,602	6.6	46,088
1959	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960
1960[1]	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617
1961	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312
1962[1]	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972[1]	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1973[1]	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667
1974	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171
1975	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978[1]	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665
Men											
1950	51,875	44,969	86.7	42,728	1,150	41,578	6,002	35,576	2,239	5.0	6,906
1951	51,839	45,113	87.0	43,892	2,112	41,780	5,534	36,246	1,221	2.7	6,725
1952	52,048	45,217	86.9	44,030	2,348	41,682	5,390	36,293	1,185	2.6	6,832
1953[1]	52,945	45,828	86.6	44,625	2,195	42,430	5,253	37,177	1,202	2.6	7,117
1954	53,503	46,073	86.1	43,727	2,108	41,619	5,200	36,418	2,344	5.1	7,431
1955	54,142	46,508	85.9	44,654	2,033	42,621	5,265	37,356	1,854	4.0	7,634
1956	54,659	47,027	86.0	45,315	1,936	43,379	5,040	38,339	1,711	3.6	7,633
1957	55,236	47,118	85.3	45,278	1,921	43,357	4,824	38,532	1,841	3.9	8,118
1958	55,853	47,341	84.8	44,243	1,820	42,423	4,596	37,827	3,098	6.5	8,514
1959	56,554	47,647	84.3	45,227	1,761	43,466	4,532	38,934	2,420	5.1	8,907
1960[1]	57,495	48,221	83.9	45,737	1,833	43,904	4,472	39,431	2,486	5.2	9,274
1961	58,158	48,525	83.4	45,528	1,872	43,656	4,298	39,359	2,997	6.2	9,633
1962[1]	58,862	48,631	82.6	46,208	2,031	44,177	4,069	40,108	2,423	5.0	10,231
1963	59,900	49,106	82.0	46,636	1,979	44,657	3,809	40,849	2,472	5.0	10,792
1964	60,838	49,670	81.6	47,465	1,991	45,474	3,691	41,782	2,205	4.4	11,169
1965	61,702	50,175	81.3	48,260	1,920	46,340	3,547	42,792	1,914	3.8	11,527
1966	62,355	50,564	81.1	49,012	2,093	46,919	3,243	43,675	1,551	3.1	11,792
1967	63,091	51,173	81.1	49,665	2,186	47,479	3,164	44,315	1,508	2.9	11,919
1968	64,066	51,752	80.8	50,333	2,219	48,114	3,157	44,957	1,419	2.7	12,315
1969	65,102	52,425	80.5	51,022	2,204	48,818	2,963	45,855	1,403	2.7	12,677
1970	66,385	53,309	80.3	51,071	2,081	48,990	2,862	46,128	2,238	4.2	13,076

See footnote at end of table.

Table 1. Employment status of the noninstitutional population by sex, 1950-83—Continued

(Numbers in thousands)

Year and sex	Noninstitutional population	Labor force									Not in labor force
		Number	Percent of population	Employed					Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force	
						Total	Agriculture	Nonagricultural industries			
Men—Continued											
1971	67,875	54,113	79.7	51,323	1,933	49,390	2,795	46,595	2,789	5.2	13,762
1972[1]	69,607	55,327	79.5	52,668	1,772	50,896	2,849	48,047	2,659	4.8	14,280
1973[1]	71,017	56,349	79.3	54,074	1,725	52,349	2,847	49,502	2,275	4.0	14,667
1974	72,466	57,397	79.2	54,682	1,658	53,024	2,919	50,105	2,714	4.7	15,069
1975	73,891	57,899	78.4	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993
1976	75,341	58,756	78.0	54,720	1,582	53,138	2,744	50,394	4,036	6.9	16,585
1977	76,756	59,959	78.1	56,291	1,563	54,728	2,671	52,057	3,667	6.1	16,797
1978[1]	78,107	61,151	78.3	58,010	1,531	56,479	2,718	53,761	3,142	5.1	16,956
1979	79,509	62,215	78.2	59,096	1,489	57,607	2,686	54,921	3,120	5.0	17,293
1980	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945
1981	82,023	63,486	77.4	58,909	1,512	57,397	2,700	54,697	4,577	7.2	18,537
1982	83,052	63,979	77.0	57,800	1,529	56,271	2,736	53,534	6,179	9.7	19,073
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484
Women											
1950	54,289	18,408	33.9	17,359	19	17,340	1,159	16,181	1,049	5.7	35,881
1951	54,926	19,047	34.7	18,212	31	18,181	1,193	16,988	834	4.4	35,879
1952	55,567	19,307	34.7	18,606	38	18,568	1,111	17,458	698	3.6	36,261
1953[1]	56,341	19,418	34.5	18,785	36	18,749	1,006	17,743	632	3.3	36,924
1954	56,958	19,711	34.6	18,523	33	18,490	1,006	17,486	1,188	6.0	37,247
1955	57,605	20,579	35.7	19,582	31	19,551	1,184	18,366	998	4.8	37,026
1956	58,256	21,489	36.9	20,447	28	20,419	1,244	19,175	1,039	4.8	36,769
1957	58,978	21,759	36.9	20,741	27	20,714	1,123	19,591	1,018	4.7	37,218
1958	59,717	22,145	37.1	20,640	27	20,613	990	19,623	1,504	6.8	37,574
1959	60,561	22,510	37.2	21,191	27	21,164	1,033	20,131	1,320	5.9	38,053
1960[1]	61,610	23,268	37.8	21,902	28	21,874	986	20,887	1,366	5.9	38,343
1961	62,513	23,835	38.1	22,119	29	22,090	902	21,187	1,717	7.2	38,679
1962[1]	63,350	24,043	38.0	22,554	29	22,525	875	21,651	1,488	6.2	39,308
1963	64,521	24,731	38.3	23,132	27	23,105	878	22,227	1,598	6.5	39,791
1964	65,664	25,439	38.7	23,858	27	23,831	832	23,000	1,581	6.2	40,225
1965	66,758	26,227	39.3	24,775	27	24,748	814	23,934	1,452	5.5	40,531
1966	67,825	27,329	40.3	26,006	30	25,976	736	25,240	1,324	4.8	40,496
1967	69,000	28,392	41.1	26,925	32	26,893	680	26,212	1,468	5.2	40,608
1968	70,213	29,238	41.6	27,841	34	27,807	660	27,147	1,397	4.8	40,976
1969	71,470	30,547	42.7	29,118	34	29,084	643	28,441	1,429	4.7	40,924
1970	72,819	31,580	43.4	29,725	37	29,688	601	29,087	1,855	5.9	41,239
1971	74,313	32,241	43.4	30,015	39	29,976	599	29,377	2,227	6.9	42,072
1972[1]	76,331	33,520	43.9	31,298	41	31,257	635	30,622	2,222	6.6	42,811
1973[1]	77,853	34,853	44.8	32,764	49	32,715	622	32,093	2,089	6.0	43,000
1974	79,375	36,274	45.7	33,832	63	33,769	596	33,173	2,441	6.7	43,101
1975	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,486	9.3	43,386
1976	82,476	39,069	47.4	35,701	86	35,615	588	35,027	3,369	8.6	43,406
1977	83,932	40,705	48.5	37,381	92	37,289	612	36,677	3,324	8.2	43,227
1978[1]	85,434	42,731	50.0	39,669	100	39,569	669	38,900	3,061	7.2	42,703
1979	86,951	44,343	51.0	41,325	108	41,217	661	40,556	3,018	6.8	42,608
1980	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,861
1981	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,696	7.9	42,922
1982	90,887	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993
1983	91,827	48,646	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181

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[1] Not strictly comparable with data for prior years. For a further explanation, see the Technical Note on the Current Population Survey.

Table 2. Employment status of the civilian noninstitutional population by sex, 1948-83

(Numbers in thousands)

Year and sex	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
TOTAL								
1948	103,068	60,621	58.8	58,343	56.6	2,276	3.8	42,447
1949	103,994	61,286	58.9	57,651	55.4	3,637	5.9	42,708
1950	104,995	62,208	59.2	58,918	56.1	3,288	5.3	42,787
1951	104,621	62,017	59.2	59,961	57.3	2,055	3.3	42,604
1952	105,231	62,138	59.0	60,250	57.3	1,883	3.0	43,093
1953[1]	107,056	63,015	58.9	61,179	57.1	1,834	2.9	44,041
1954	108,321	63,643	58.8	60,109	55.5	3,532	5.5	44,678
1955	109,683	65,023	59.3	62,170	56.7	2,852	4.4	44,660
1956	110,954	66,552	60.0	63,799	57.5	2,750	4.1	44,402
1957	112,265	66,929	59.6	64,071	57.1	2,859	4.3	45,336
1958	113,727	67,639	59.5	63,036	55.4	4,602	6.8	46,088
1959	115,329	68,369	59.3	64,630	56.0	3,740	5.5	46,960
1960[1]	117,245	69,628	59.4	65,778	56.1	3,852	5.5	47,617
1961	118,771	70,459	59.3	65,746	55.4	4,714	6.7	48,312
1962[1]	120,153	70,614	58.8	66,702	55.5	3,911	5.5	49,539
1963	122,416	71,833	58.7	67,762	55.4	4,070	5.7	50,583
1964	124,485	73,091	58.7	69,305	55.7	3,786	5.2	51,394
1965	126,513	74,455	58.9	71,088	56.2	3,366	4.5	52,058
1966	128,058	75,770	59.2	72,895	56.9	2,875	3.8	52,288
1967	129,874	77,347	59.6	74,372	57.3	2,975	3.8	52,527
1968	132,028	78,737	59.6	75,920	57.5	2,817	3.6	53,291
1969	134,335	80,734	60.1	77,902	58.0	2,832	3.5	53,602
1970	137,085	82,771	60.4	78,678	57.4	4,093	4.9	54,315
1971	140,216	84,382	60.2	79,367	56.6	5,016	5.9	55,834
1972[1]	144,126	87,034	60.4	82,153	57.0	4,882	5.6	57,091
1973[1]	147,096	89,429	60.8	85,064	57.8	4,365	4.9	57,667
1974	150,120	91,949	61.3	86,794	57.8	5,156	5.6	58,171
1975	153,153	93,775	61.2	85,846	56.1	7,929	8.5	59,377
1976	156,150	96,158	61.6	88,752	56.8	7,406	7.7	59,991
1977	159,033	99,009	62.3	92,017	57.9	6,991	7.1	60,025
1978[1]	161,910	102,251	63.2	96,048	59.3	6,202	6.1	59,659
1979	164,863	104,962	63.7	98,824	59.9	6,137	5.8	59,900
1980	167,745	106,940	63.8	99,303	59.2	7,637	7.1	60,806
1981	170,130	108,670	63.9	100,397	59.0	8,273	7.6	61,460
1982	172,271	110,204	64.0	99,526	57.8	10,678	9.7	62,067
1983	174,215	111,550	64.0	100,834	57.9	10,717	9.6	62,665
Men								
1948	49,996	43,286	86.6	41,725	83.5	1,559	3.6	6,710
1949	50,321	43,498	86.4	40,925	81.3	2,572	5.9	6,825
1950	50,725	43,819	86.4	41,578	82.0	2,239	5.1	6,906
1951	49,727	43,001	86.3	41,780	84.0	1,221	2.8	6,725
1952	49,700	42,869	86.3	41,682	83.9	1,185	2.8	6,832
1953[1]	50,750	43,633	86.0	42,430	83.6	1,202	2.8	7,117
1954	51,395	43,965	85.5	41,619	81.0	2,344	5.3	7,431
1955	52,109	44,475	85.4	42,621	81.8	1,854	4.2	7,634
1956	52,723	45,091	85.5	43,379	82.3	1,711	3.8	7,633
1957	53,315	45,197	84.8	43,357	81.3	1,841	4.1	8,118
1958	54,033	45,521	84.2	42,423	78.5	3,098	6.8	8,514
1959	54,793	45,886	83.7	43,466	79.3	2,420	5.2	8,907
1960[1]	55,662	46,388	83.3	43,904	78.9	2,486	5.4	9,274
1961	56,286	46,653	82.9	43,656	77.6	2,997	6.4	9,633
1962[1]	56,831	46,600	82.0	44,177	77.7	2,423	5.2	10,231
1963	57,921	47,129	81.4	44,657	77.1	2,472	5.2	10,792
1964	58,847	47,679	81.0	45,474	77.3	2,205	4.6	11,169
1965	59,782	48,255	80.7	46,340	77.5	1,914	4.0	11,527
1966	60,262	48,471	80.4	46,919	77.9	1,551	3.2	11,792
1967	60,905	48,987	80.4	47,479	78.0	1,508	3.1	11,919
1968	61,847	49,533	80.1	48,114	77.8	1,419	2.9	12,315

See footnote at end of table.

Table 2. Employment status of the civilian noninstitutional population by sex, 1948-83—Continued

(Numbers in thousands)

Year and sex	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
Men—Continued								
1969	62,898	50,221	79.8	48,818	77.6	1,403	2.8	12,677
1970	64,304	51,228	79.7	48,990	76.2	2,238	4.4	13,076
1971	65,942	52,180	79.1	49,390	74.9	2,789	5.3	13,762
1972[1]	67,835	53,555	78.9	50,896	75.0	2,659	5.0	14,280
1973[1]	69,292	54,624	78.8	52,349	75.5	2,275	4.2	14,667
1974	70,808	55,739	78.7	53,024	74.9	2,714	4.9	15,069
1975	72,291	56,299	77.9	51,857	71.7	4,442	7.9	15,993
1976	73,759	57,174	77.5	53,138	72.0	4,036	7.1	16,585
1977	75,193	58,396	77.7	54,728	72.8	3,667	6.3	16,797
1978[1]	76,576	59,620	77.9	56,479	73.8	3,142	5.3	16,956
1979	78,020	60,726	77.8	57,607	73.8	3,120	5.1	17,293
1980	79,398	61,453	77.4	57,186	72.0	4,267	6.9	17,945
1981	80,511	61,974	77.0	57,397	71.3	4,577	7.4	18,537
1982	81,523	62,450	76.6	56,271	69.0	6,179	9.9	19,073
1983	82,531	63,047	76.4	56,787	68.8	6,260	9.9	19,484
Women								
1948	53,071	17,335	32.7	16,617	31.3	717	4.1	35,737
1949	53,670	17,788	33.1	16,723	31.2	1,065	6.0	35,883
1950	54,270	18,389	33.9	17,340	32.0	1,049	5.7	35,881
1951	54,895	19,016	34.6	18,181	33.1	834	4.4	35,879
1952	55,529	19,269	34.7	18,568	33.4	698	3.6	36,261
1953[1]	56,305	19,382	34.4	18,749	33.3	632	3.3	36,924
1954	56,925	19,678	34.6	18,490	32.5	1,188	6.0	37,247
1955	57,574	20,548	35.7	19,551	34.0	998	4.9	37,026
1956	58,228	21,461	36.9	20,419	35.1	1,039	4.8	36,769
1957	58,951	21,732	36.9	20,714	35.1	1,018	4.7	37,218
1958	59,690	22,118	37.1	20,613	34.5	1,504	6.8	37,574
1959	60,534	22,483	37.1	21,164	35.0	1,320	5.9	38,053
1960[1]	61,582	23,240	37.7	21,874	35.5	1,366	5.9	38,343
1961	62,484	23,806	38.1	22,090	35.4	1,717	7.2	38,679
1962[1]	63,321	24,014	37.9	22,525	35.6	1,488	6.2	39,308
1963	64,494	24,704	38.3	23,105	35.8	1,598	6.5	39,791
1964	65,637	25,412	38.7	23,831	36.3	1,581	6.2	40,225
1965	66,731	26,200	39.3	24,748	37.1	1,452	5.5	40,531
1966	67,795	27,299	40.3	25,976	38.3	1,324	4.8	40,496
1967	68,968	28,360	41.1	26,893	39.0	1,468	5.2	40,608
1968	70,179	29,204	41.6	27,807	39.6	1,397	4.8	40,976
1969	71,436	30,513	42.7	29,084	40.7	1,429	4.7	40,924
1970	72,782	31,543	43.3	29,688	40.8	1,855	5.9	41,239
1971	74,274	32,202	43.4	29,976	40.4	2,227	6.9	42,072
1972[1]	76,290	33,479	43.9	31,257	41.0	2,222	6.6	42,811
1973[1]	77,804	34,804	44.7	32,715	42.0	2,089	6.0	43,000
1974	79,312	36,211	45.7	33,769	42.6	2,441	6.7	43,101
1975	80,860	37,475	46.3	33,989	42.0	3,486	9.3	43,386
1976	82,390	38,983	47.3	35,615	43.2	3,369	8.6	43,406
1977	83,840	40,613	48.4	37,289	44.5	3,324	8.2	43,227
1978[1]	85,334	42,631	50.0	39,569	46.4	3,061	7.2	42,703
1979	86,843	44,235	50.9	41,217	47.5	3,018	6.8	42,608
1980	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,861
1981	89,618	46,696	52.1	43,000	48.0	3,696	7.9	42,922
1982	90,748	47,755	52.6	43,256	47.7	4,499	9.4	42,993
1983	91,684	48,503	52.9	44,047	48.0	4,457	9.2	43,181

[1] Not strictly comparable with data for prior years. For a further explanation, see the Technical Note on the Current Population Survey.

Table 3. Civilian noninstitutional population by sex, race and age, 1948-83

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL											
1948	103,068	8,449	4,265	4,185	94,618	11,530	22,610	20,097	16,771	12,885	10,720
1949	103,994	8,215	4,139	4,079	95,778	11,312	22,822	20,401	17,002	13,201	11,035
1950	104,995	8,143	4,076	4,068	96,851	11,080	23,013	20,681	17,240	13,469	11,363
1951	104,621	7,865	4,096	3,771	96,755	10,167	22,843	20,863	17,464	13,692	11,724
1952	105,231	7,922	4,234	3,689	97,305	9,389	23,044	21,137	17,716	13,889	12,126
1953[1]	107,056	8,014	4,241	3,773	99,041	8,960	23,266	21,922	17,991	13,830	13,075
1954	108,321	8,224	4,336	3,889	100,095	8,885	23,304	22,135	18,305	14,085	13,375
1955	109,683	8,364	4,440	3,925	101,318	9,036	23,249	22,348	18,643	14,309	13,728
1956	110,954	8,434	4,482	3,953	102,518	9,271	23,072	22,567	19,012	14,516	14,075
1957	112,265	8,612	4,587	4,026	103,653	9,486	22,849	22,786	19,424	14,727	14,376
1958	113,727	8,986	4,872	4,114	104,737	9,733	22,563	23,025	19,832	14,923	14,657
1959	115,329	9,618	5,337	4,282	105,711	9,975	22,201	23,207	20,203	15,134	14,985
1960[1]	117,245	10,187	5,573	4,615	107,056	10,273	21,998	23,437	20,601	15,409	15,336
1961	118,771	10,513	5,462	5,052	108,255	10,583	21,829	23,585	20,893	15,675	15,685
1962[1]	120,153	10,652	5,503	5,150	109,500	10,852	21,503	23,797	20,916	15,874	16,554
1963	122,416	11,370	6,301	5,070	111,045	11,464	21,400	23,948	21,144	16,138	16,945
1964	124,485	12,111	6,974	5,139	112,372	12,017	21,367	23,940	21,452	16,442	17,150
1965	126,513	12,930	6,936	5,995	113,582	12,442	21,417	23,832	21,728	16,727	17,432
1966	128,058	13,592	6,914	6,679	114,463	12,638	21,543	23,579	21,977	17,007	17,715
1967	129,874	13,480	7,003	6,480	116,391	13,421	22,057	23,313	22,256	17,310	18,029
1968	132,028	13,698	7,200	6,499	118,328	13,891	22,912	23,036	22,534	17,614	18,338
1969	134,335	14,095	7,422	6,673	120,238	14,488	23,645	22,709	22,806	17,930	18,657
1970	137,085	14,519	7,643	6,876	122,566	15,323	24,435	22,489	23,059	18,250	19,007
1971	140,216	15,022	7,849	7,173	125,193	16,345	25,337	22,274	23,244	18,581	19,406
1972[1]	144,126	15,510	8,076	7,435	128,614	17,143	26,740	22,358	23,338	19,007	20,023
1973[1]	147,096	15,840	8,227	7,613	131,253	17,692	28,172	22,287	23,431	19,281	20,389
1974	150,120	16,180	8,373	7,809	133,938	17,994	29,439	22,461	23,578	19,517	20,945
1975	153,153	16,418	8,419	7,999	136,733	18,595	30,710	22,526	23,535	19,844	21,525
1976	156,150	16,614	8,442	8,171	139,536	19,109	31,953	22,796	23,409	20,185	22,083
1977	159,033	16,688	8,482	8,206	142,345	19,582	33,117	23,296	23,197	20,557	22,597
1978[1]	161,910	16,695	8,484	8,211	145,216	20,007	34,091	24,099	22,977	20,875	23,166
1979	164,863	16,657	8,389	8,268	148,205	20,353	35,261	24,861	22,752	21,210	23,767
1980	167,745	16,543	8,279	8,264	151,202	20,635	36,558	25,578	22,563	21,520	24,350
1981	170,130	16,214	8,068	8,145	153,916	20,820	37,777	26,291	22,422	21,756	24,850
1982	172,271	15,763	7,714	8,049	156,508	20,845	38,492	27,611	22,264	21,909	25,387
1983	174,215	15,274	7,385	7,889	158,941	20,799	39,147	28,932	22,167	22,003	25,892
Men											
1948	49,996	4,078	2,128	1,951	45,918	5,527	10,767	9,798	8,290	6,441	5,093
1949	50,321	3,946	2,062	1,884	46,378	5,405	10,871	9,926	8,379	6,563	5,226
1950	50,725	3,962	2,043	1,920	46,763	5,270	10,963	10,034	8,472	6,664	5,357
1951	49,727	3,725	2,039	1,687	46,001	4,451	10,709	10,049	8,551	6,737	5,503
1952	49,700	3,767	2,121	1,647	45,932	3,788	10,855	10,164	8,655	6,798	5,670
1953[1]	50,750	3,823	2,122	1,701	46,927	3,482	11,020	10,632	8,878	6,798	6,119
1954	51,395	3,953	2,174	1,780	47,441	3,509	11,067	10,718	9,018	6,885	6,241
1955	52,109	4,022	2,225	1,798	48,086	3,708	11,068	10,804	9,164	6,960	6,380
1956	52,723	4,020	2,238	1,783	48,704	3,970	10,983	10,889	9,322	7,032	6,505
1957	53,315	4,083	2,284	1,800	49,231	4,166	10,889	10,965	9,499	7,109	6,602
1958	54,033	4,293	2,435	1,858	49,740	4,339	10,787	11,076	9,675	7,179	6,683
1959	54,793	4,652	2,681	1,971	50,140	4,488	10,625	11,149	9,832	7,259	6,785
1960[1]	55,662	4,963	2,805	2,159	50,698	4,679	10,514	11,230	10,000	7,373	6,901
1961	56,286	5,112	2,742	2,371	51,173	4,844	10,440	11,286	10,112	7,483	7,006
1962[1]	56,831	5,150	2,764	2,386	51,681	4,925	10,207	11,389	10,162	7,610	7,386
1963	57,921	5,496	3,162	2,334	52,425	5,240	10,165	11,476	10,274	7,740	7,526
1964	58,847	5,866	3,503	2,364	52,981	5,520	10,144	11,466	10,402	7,873	7,574
1965	59,782	6,318	3,488	2,831	53,463	5,701	10,182	11,427	10,512	7,990	7,649
1966	60,262	6,658	3,478	3,180	53,603	5,663	10,224	11,294	10,598	8,099	7,723
1967	60,905	6,537	3,528	3,010	54,367	5,977	10,495	11,161	10,705	8,218	7,809
1968	61,847	6,683	3,634	3,049	55,165	6,127	10,944	11,040	10,819	8,336	7,897
1969	62,898	6,928	3,741	3,187	55,969	6,379	11,309	10,890	10,935	8,464	7,990
1970	64,304	7,145	3,848	3,299	57,157	6,861	11,750	10,810	11,052	8,590	8,093
1971	65,942	7,430	3,954	3,477	58,511	7,511	12,227	10,721	11,129	8,711	8,208
1972[1]	67,835	7,705	4,081	3,624	60,130	8,061	12,911	10,762	11,167	8,895	8,330
1973[1]	69,292	7,855	4,152	3,703	61,436	8,429	13,641	10,746	11,202	8,990	8,426
1974	70,808	8,012	4,231	3,781	62,796	8,600	14,262	10,834	11,315	9,140	8,641

See footnote at end of table.

Table 3. Civilian noninstitutional population by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men—Continued											
1975	72,291	8,134	4,252	3,882	64,158	8,950	14,899	10,874	11,298	9,286	8,852
1976	73,759	8,244	4,266	3,978	65,515	9,237	15,528	11,010	11,243	9,444	9,053
1977	75,193	8,288	4,290	4,000	66,904	9,477	16,108	11,260	11,144	9,616	9,297
1978[1]	76,576	8,309	4,295	4,014	68,268	9,693	16,598	11,665	11,045	9,758	9,509
1979	78,020	8,310	4,251	4,060	69,709	9,873	17,193	12,046	10,944	9,907	9,746
1980	79,398	8,260	4,195	4,064	71,138	10,023	17,833	12,400	10,861	10,042	9,979
1981	80,511	8,092	4,087	4,005	72,419	10,116	18,427	12,758	10,797	10,151	10,170
1982	81,523	7,879	3,911	3,968	73,644	10,136	18,787	13,410	10,726	10,215	10,371
1983	82,531	7,659	3,750	3,908	74,872	10,140	19,143	14,067	10,689	10,261	10,573
Women											
1948	53,071	4,371	2,137	2,234	48,700	6,003	11,843	10,299	8,481	6,444	5,627
1949	53,670	4,269	2,077	2,195	49,400	5,907	11,951	10,475	8,623	6,633	5,809
1950	54,270	4,181	2,033	2,148	50,088	5,810	12,050	10,647	8,768	6,805	6,006
1951	54,895	4,140	2,057	2,084	50,754	5,716	12,134	10,814	8,913	6,955	6,221
1952	55,529	4,155	2,113	2,042	51,373	5,601	12,189	10,973	9,061	7,091	6,456
1953[1]	56,305	4,191	2,119	2,072	52,114	5,478	12,246	11,290	9,113	7,032	6,956
1954	56,925	4,271	2,162	2,109	52,654	5,376	12,237	11,417	9,287	7,200	7,134
1955	57,574	4,342	2,215	2,127	53,232	5,328	12,181	11,544	9,479	7,349	7,348
1956	58,228	4,414	2,244	2,170	53,814	5,301	12,089	11,678	9,690	7,484	7,570
1957	58,951	4,529	2,303	2,226	54,421	5,320	11,960	11,821	9,925	7,618	7,774
1958	59,690	4,693	2,437	2,256	54,997	5,394	11,776	11,949	10,157	7,744	7,974
1959	60,534	4,966	2,656	2,311	55,570	5,487	11,576	12,058	10,371	7,875	8,200
1960[1]	61,582	5,224	2,768	2,456	56,358	5,594	11,484	12,207	10,601	8,036	8,435
1961	62,484	5,401	2,720	2,681	57,082	5,739	11,389	12,299	10,781	8,192	8,679
1962[1]	63,321	5,502	2,739	2,764	57,819	5,927	11,296	12,408	10,754	8,264	9,168
1963	64,494	5,874	3,139	2,736	58,620	6,224	11,235	12,472	10,870	8,398	9,419
1964	65,637	6,245	3,471	2,775	59,391	6,497	11,223	12,474	11,050	8,569	9,576
1965	66,731	6,612	3,448	3,164	60,119	6,741	11,235	12,405	11,216	8,737	9,783
1966	67,795	6,934	3,436	3,499	60,860	6,975	11,319	12,285	11,379	8,908	9,992
1967	68,968	6,943	3,475	3,470	62,026	7,445	11,562	12,152	11,551	9,092	10,220
1968	70,179	7,015	3,566	3,450	63,164	7,764	11,968	11,996	11,715	9,278	10,441
1969	71,436	7,167	3,681	3,486	64,269	8,109	12,336	11,819	11,871	9,466	10,667
1970	72,782	7,373	3,796	3,578	65,408	8,462	12,684	11,679	12,008	9,659	10,914
1971	74,274	7,591	3,895	3,697	66,682	8,834	13,110	11,553	12,115	9,870	11,198
1972[1]	76,290	7,805	3,994	3,811	68,484	9,082	13,829	11,597	12,171	10,113	11,693
1973[1]	77,804	7,985	4,076	3,909	69,819	9,263	14,531	11,541	12,229	10,290	11,963
1974	79,312	8,168	4,142	4,028	71,144	9,393	15,177	11,627	12,263	10,377	12,304
1975	80,860	8,285	4,168	4,117	72,576	9,645	15,811	11,652	12,237	10,558	12,673
1976	82,390	8,370	4,176	4,194	74,020	9,872	16,425	11,786	12,166	10,742	13,030
1977	83,840	8,400	4,193	4,206	75,441	10,103	17,008	12,036	12,053	10,940	13,300
1978[1]	85,334	8,386	4,189	4,197	76,948	10,315	17,493	12,435	11,932	11,118	13,658
1979	86,843	8,347	4,139	4,208	78,496	10,480	18,070	12,815	11,808	11,303	14,021
1980	88,348	8,283	4,083	4,200	80,065	10,612	18,725	13,177	11,701	11,478	14,372
1981	89,618	8,121	3,981	4,140	81,497	10,705	19,350	13,533	11,625	11,605	14,680
1982	90,748	7,884	3,804	4,081	82,864	10,709	19,705	14,201	11,538	11,694	15,017
1983	91,684	7,616	3,635	3,981	84,069	10,660	20,004	14,865	11,478	11,742	15,319
WHITE											
1954	97,705	7,180	3,786	3,394	90,524	7,794	20,818	19,915	16,569	12,993	12,438
1955	98,880	7,292	3,874	3,419	91,586	7,912	20,742	20,110	16,869	13,169	12,785
1956	99,976	7,346	3,908	3,438	92,629	8,106	20,564	20,314	17,198	13,341	13,105
1957	101,119	7,505	4,007	3,498	93,612	8,293	20,342	20,514	17,562	13,518	13,383
1958	102,392	7,843	4,271	3,573	94,547	8,498	20,063	20,734	17,924	13,681	13,645
1959	103,803	8,430	4,707	3,725	95,370	8,697	19,715	20,893	18,257	13,858	13,951
1960[1]	105,282	8,924	4,909	4,016	96,355	8,927	19,470	21,049	18,578	14,070	14,260
1961	106,604	9,211	4,785	4,427	97,390	9,203	19,289	21,169	18,845	14,304	14,581
1962[1]	107,715	9,343	4,818	4,526	98,371	9,484	18,974	21,293	18,872	14,450	15,297
1963	109,705	9,978	5,549	4,430	99,725	10,069	18,867	21,398	19,082	14,681	15,629
1964	111,534	10,616	6,137	4,481	100,916	10,568	18,838	21,375	19,360	14,957	15,816
1965	113,284	11,319	6,049	5,271	101,963	10,935	18,882	21,258	19,604	15,215	16,070
1966	114,566	11,862	5,993	5,870	102,702	11,094	18,989	21,005	19,822	15,469	16,322
1967	116,100	11,682	6,051	5,632	104,396	11,797	19,464	20,745	20,067	15,745	16,602
1968	117,948	11,840	6,225	5,616	106,107	12,184	20,245	20,474	20,310	16,018	16,875

See footnote at end of table.

Table 3. Civilian noninstitutional population by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
WHITE—Continued											
1969	119,913	12,179	6,418	5,761	107,733	12,677	20,892	20,156	20,546	16,305	17,156
1970	122,174	12,521	6,591	5,931	109,652	13,359	21,546	19,929	20,760	16,591	17,469
1971	124,758	12,937	6,750	6,189	111,821	14,208	22,295	19,694	20,907	16,884	17,833
1972[1]	127,906	13,301	6,910	6,392	114,603	14,897	23,555	19,673	20,950	17,250	18,278
1973[1]	130,097	13,533	7,021	6,512	116,563	15,264	24,685	19,532	20,991	17,484	18,607
1974	132,417	13,784	7,114	6,671	118,632	15,502	25,711	19,628	21,061	17,645	19,085
1975	134,790	13,941	7,132	6,808	120,849	15,980	26,746	19,641	20,981	17,918	19,587
1976	137,106	14,055	7,125	6,930	123,050	16,368	27,757	19,827	20,816	18,220	20,064
1977	139,380	14,095	7,150	6,944	125,285	16,728	28,703	20,231	20,575	18,540	20,508
1978[1]	141,612	14,060	7,132	6,928	127,552	17,038	29,453	20,932	20,322	18,799	21,007
1979	143,894	13,994	7,029	6,964	129,900	17,284	30,371	21,579	20,058	19,071	21,538
1980	146,122	13,854	6,912	6,943	132,268	17,484	31,407	22,174	19,837	19,316	22,050
1981	147,908	13,516	6,704	6,813	134,392	17,609	32,367	22,778	19,666	19,485	22,487
1982	149,441	13,076	6,383	6,693	136,366	17,579	32,863	23,910	19,478	19,591	22,945
1983	150,805	12,623	6,089	6,534	138,183	17,492	33,286	25,027	19,349	19,625	23,403
Men											
1954	46,462	3,455	1,902	1,553	43,007	3,074	9,948	9,688	8,172	6,341	5,787
1955	47,076	3,507	1,945	1,563	43,569	3,241	9,936	9,768	8,303	6,398	5,923
1956	47,602	3,500	1,955	1,546	44,102	3,464	9,851	9,848	8,446	6,455	6,038
1957	48,119	3,556	2,000	1,557	44,563	3,638	9,758	9,917	8,605	6,518	6,127
1958	48,745	3,747	2,140	1,607	44,998	3,783	9,656	10,018	8,765	6,574	6,203
1959	49,408	4,079	2,370	1,710	45,329	3,903	9,499	10,081	8,909	6,639	6,298
1960[1]	50,065	4,349	2,476	1,874	45,716	4,054	9,373	10,131	9,042	6,721	6,395
1961	50,608	4,479	2,407	2,073	46,129	4,204	9,290	10,178	9,148	6,819	6,490
1962[1]	51,054	4,520	2,426	2,094	46,534	4,306	9,080	10,239	9,191	6,917	6,801
1963	52,031	4,827	2,792	2,036	47,204	4,610	9,039	10,309	9,297	7,031	6,919
1964	52,869	5,148	3,090	2,059	47,721	4,862	9,024	10,301	9,417	7,153	6,963
1965	53,681	5,541	3,050	2,492	48,140	5,017	9,056	10,262	9,516	7,261	7,028
1966	54,061	5,820	3,023	2,798	48,241	4,974	9,085	10,136	9,592	7,362	7,092
1967	54,608	5,671	3,058	2,613	48,937	5,257	9,339	10,013	9,688	7,474	7,167
1968	55,434	5,787	3,153	2,635	49,647	5,376	9,752	9,902	9,790	7,585	7,242
1969	56,348	6,005	3,246	2,759	50,343	5,589	10,074	9,760	9,895	7,705	7,320
1970	57,516	6,179	3,329	2,851	51,336	5,988	10,441	9,678	9,999	7,822	7,409
1971	58,900	6,420	3,412	3,008	52,481	6,546	10,841	9,578	10,066	7,933	7,517
1972[1]	60,473	6,627	3,503	3,125	53,845	7,042	11,495	9,568	10,078	8,089	7,573
1973[1]	61,577	6,737	3,555	3,182	54,842	7,312	12,075	9,514	10,099	8,178	7,664
1974	62,791	6,851	3,604	3,247	55,942	7,476	12,599	9,564	10,165	8,288	7,849
1975	63,981	6,929	3,609	3,320	57,052	7,766	13,131	9,578	10,134	8,413	8,031
1976	65,132	6,993	3,609	3,384	58,138	7,987	13,655	9,674	10,063	8,556	8,203
1977	66,301	7,024	3,625	3,399	59,278	8,175	14,139	9,880	9,957	8,708	8,420
1978[1]	67,401	7,022	3,619	3,404	60,378	8,335	14,528	10,236	9,845	8,826	8,608
1979	68,547	7,007	3,568	3,439	61,540	8,470	15,008	10,563	9,730	8,949	8,820
1980	69,634	6,941	3,508	3,433	62,694	8,581	15,529	10,863	9,636	9,059	9,027
1981	70,480	6,764	3,401	3,363	63,715	8,644	16,005	11,171	9,560	9,139	9,195
1982	71,211	6,556	3,249	3,307	64,655	8,621	16,260	11,756	9,463	9,188	9,367
1983	71,922	6,340	3,098	3,242	65,581	8,597	16,499	12,314	9,408	9,208	9,556
Women											
1954	51,242	3,725	1,884	1,841	47,517	4,720	10,870	10,227	8,397	6,652	6,651
1955	51,802	3,785	1,929	1,856	48,017	4,671	10,806	10,342	8,566	6,771	6,862
1956	52,373	3,846	1,953	1,892	48,527	4,642	10,713	10,466	8,752	6,886	7,067
1957	52,998	3,949	2,007	1,941	49,049	4,655	10,584	10,597	8,957	7,000	7,256
1958	53,645	4,096	2,131	1,966	49,549	4,715	10,407	10,716	9,159	7,107	7,442
1959	54,392	4,351	2,337	2,015	50,041	4,794	10,216	10,812	9,348	7,219	7,653
1960[1]	55,214	4,575	2,433	2,142	50,639	4,873	10,097	10,918	9,536	7,349	7,865
1961	55,993	4,732	2,378	2,354	51,261	4,999	9,999	10,991	9,697	7,485	8,091
1962[1]	56,660	4,823	2,392	2,432	51,837	5,178	9,894	11,054	9,681	7,533	8,496
1963	57,672	5,151	2,757	2,394	52,521	5,459	9,828	11,089	9,785	7,650	8,710
1964	58,663	5,468	3,047	2,422	53,195	5,706	9,814	11,074	9,943	7,804	8,853
1965	59,601	5,778	2,999	2,779	53,823	5,918	9,826	10,996	10,088	7,954	9,042
1966	60,503	6,042	2,970	3,072	54,461	6,120	9,904	10,869	10,230	8,107	9,230
1967	61,470	6,011	2,993	3,019	55,459	6,540	10,125	10,732	10,379	8,271	9,435
1968	62,512	6,053	3,072	2,981	56,460	6,809	10,493	10,572	10,520	8,433	9,633

See footnote at end of table.

Table 3. Civilian noninstitutional population by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued											
1969	63,563	6,174	3,172	3,002	57,390	7,089	10,818	10,396	10,651	8,600	9,836
1970	64,656	6,342	3,262	3,080	58,315	7,370	11,105	10,251	10,761	8,769	10,060
1971	65,857	6,518	3,338	3,180	59,340	7,662	11,454	10,117	10,841	8,951	10,315
1972[1]	67,431	6,673	3,407	3,267	60,758	7,855	12,060	10,105	10,872	9,161	10,705
1973[1]	68,517	6,796	3,466	3,331	61,721	7,951	12,610	10,018	10,891	9,306	10,943
1974	69,623	6,933	3,510	3,424	62,690	8,026	13,112	10,064	10,896	9,356	11,236
1975	70,810	7,011	3,523	3,488	63,798	8,214	13,615	10,063	10,847	9,505	11,556
1976	71,974	7,062	3,516	3,546	64,912	8,381	14,102	10,153	10,752	9,664	11,860
1977	73,077	7,071	3,525	3,545	66,007	8,553	14,564	10,351	10,618	9,832	12,088
1978[1]	74,213	7,038	3,513	3,524	67,174	8,704	14,926	10,696	10,476	9,974	12,399
1979	75,347	6,987	3,460	3,527	68,360	8,815	15,363	11,017	10,327	10,122	12,717
1980	76,489	6,914	3,403	3,511	69,575	8,904	15,878	11,313	10,201	10,256	13,022
1981	77,428	6,752	3,303	3,449	70,677	8,965	16,362	11,606	10,106	10,346	13,292
1982	78,230	6,519	3,134	3,385	71,711	8,959	16,603	12,154	10,015	10,402	13,579
1983	78,884	6,282	2,991	3,292	72,601	8,895	16,788	12,714	9,941	10,418	13,847
BLACK											
1972[1]	14,526	2,018	1,061	956	12,508	2,027	2,809	2,329	2,139	1,601	1,605
1973[1]	14,917	2,095	1,095	1,000	12,823	2,132	2,957	2,333	2,156	1,616	1,628
1974	15,336	2,137	1,122	1,014	13,199	2,137	3,103	2,382	2,202	1,679	1,689
1975	15,751	2,191	1,146	1,046	13,560	2,228	3,258	2,395	2,211	1,717	1,755
1976	16,196	2,264	1,165	1,098	13,932	2,303	3,412	2,435	2,220	1,736	1,826
1977	16,605	2,273	1,175	1,097	14,332	2,400	3,566	2,493	2,225	1,765	1,883
1978[1]	16,970	2,270	1,169	1,101	14,701	2,483	3,717	2,547	2,226	1,794	1,932
1979	17,397	2,276	1,167	1,109	15,121	2,556	3,899	2,615	2,240	1,831	1,980
1980	17,824	2,289	1,171	1,119	15,535	2,606	4,095	2,687	2,249	1,870	2,030
1981	18,219	2,288	1,161	1,127	15,931	2,642	4,290	2,758	2,260	1,913	2,069
1982	18,584	2,252	1,119	1,134	16,332	2,697	4,438	2,887	2,263	1,935	2,113
1983	18,925	2,225	1,092	1,133	16,700	2,734	4,607	2,999	2,260	1,964	2,135
Men											
1972[1]	6,538	978	525	453	5,559	921	1,251	1,026	963	720	679
1973[1]	6,704	1,007	539	468	5,697	979	1,327	1,027	962	718	684
1974	6,875	1,027	554	471	5,848	956	1,381	1,055	997	753	707
1975	7,060	1,051	565	486	6,009	1,002	1,452	1,060	997	769	730
1976	7,265	1,099	579	518	6,167	1,036	1,521	1,077	999	774	756
1977	7,431	1,102	586	516	6,329	1,080	1,589	1,102	998	786	774
1978[1]	7,577	1,093	579	514	6,484	1,120	1,657	1,128	995	794	789
1979	7,761	1,100	581	519	6,661	1,151	1,738	1,159	998	809	804
1980	7,944	1,110	583	526	6,834	1,171	1,828	1,191	999	825	822
1981	8,117	1,110	577	534	7,007	1,189	1,914	1,224	1,003	844	835
1982	8,283	1,097	556	542	7,186	1,225	1,983	1,282	1,003	848	846
1983	8,447	1,087	542	545	7,360	1,254	2,068	1,333	1,000	857	847
Women											
1972[1]	7,988	1,040	536	503	6,948	1,106	1,558	1,302	1,176	881	925
1973[1]	8,214	1,088	556	532	7,126	1,153	1,631	1,306	1,194	898	944
1974	8,462	1,110	567	542	7,352	1,181	1,723	1,327	1,206	926	981
1975	8,691	1,141	581	560	7,550	1,226	1,806	1,334	1,213	948	1,025
1976	8,931	1,165	585	580	7,765	1,266	1,890	1,357	1,220	962	1,070
1977	9,174	1,171	590	581	8,003	1,320	1,978	1,390	1,228	979	1,108
1978[1]	9,394	1,177	589	588	8,217	1,363	2,061	1,419	1,231	999	1,143
1979	9,636	1,176	586	589	8,460	1,405	2,160	1,455	1,242	1,022	1,176
1980	9,880	1,180	587	593	8,700	1,435	2,267	1,496	1,250	1,045	1,208
1981	10,102	1,178	584	593	8,924	1,453	2,376	1,534	1,257	1,069	1,234
1982	10,300	1,155	563	592	9,146	1,472	2,455	1,605	1,260	1,087	1,267
1983	10,477	1,138	550	588	9,340	1,480	2,539	1,666	1,260	1,107	1,288

[1] Not strictly comparable with data for prior years. For a further explanation, see the Technical Note on the Current Population Survey.

Table 4. Civilian labor force by sex, race and age, 1948-83

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL											
1948	60,621	4,435	1,780	2,654	56,187	7,392	14,258	13,397	10,914	7,329	2,897
1949	61,286	4,288	1,704	2,583	57,000	7,340	14,415	13,711	11,107	7,426	3,010
1950	62,208	4,216	1,659	2,557	57,994	7,307	14,619	13,954	11,444	7,633	3,036
1951	62,017	4,103	1,743	2,360	57,914	6,594	14,668	14,100	11,739	7,796	3,020
1952	62,138	4,064	1,806	2,257	58,075	5,840	14,904	14,383	11,961	7,980	3,005
1953[1]	63,015	4,027	1,727	2,299	58,989	5,481	14,898	15,099	12,249	8,024	3,236
1954	63,643	3,976	1,643	2,300	59,666	5,475	14,983	15,221	12,524	8,269	3,192
1955	65,023	4,092	1,711	2,382	60,931	5,666	15,058	15,400	12,992	8,513	3,305
1956	66,552	4,296	1,878	2,418	62,257	5,940	14,961	15,694	13,407	8,830	3,423
1957	66,929	4,275	1,843	2,433	62,653	6,071	14,826	15,847	13,768	8,853	3,290
1958	67,639	4,260	1,818	2,442	63,377	6,272	14,668	16,028	14,179	9,031	3,199
1959	68,369	4,492	1,971	2,522	63,876	6,413	14,435	16,127	14,518	9,227	3,158
1960[1]	69,628	4,841	2,095	2,747	64,788	6,702	14,382	16,269	14,852	9,385	3,195
1961	70,459	4,936	1,984	2,951	65,524	6,950	14,319	16,402	15,071	9,636	3,146
1962[1]	70,614	4,916	1,919	2,997	65,699	7,082	14,023	16,589	15,096	9,757	3,154
1963	71,833	5,139	2,171	2,966	66,695	7,473	14,050	16,788	15,338	10,006	3,041
1964	73,091	5,388	2,449	2,940	67,702	7,963	14,056	16,771	15,637	10,182	3,090
1965	74,455	5,910	2,486	3,425	68,543	8,259	14,233	16,840	15,756	10,350	3,108
1966	75,770	6,558	2,664	3,893	69,219	8,410	14,458	16,738	15,984	10,575	3,053
1967	77,347	6,521	2,734	3,786	70,825	9,010	15,055	16,703	16,172	10,792	3,097
1968	78,737	6,619	2,817	3,803	72,118	9,305	15,708	16,591	16,397	10,964	3,153
1969	80,734	6,970	3,009	3,959	73,763	9,879	16,336	16,458	16,730	11,135	3,227
1970	82,771	7,249	3,135	4,115	75,521	10,597	17,036	16,437	16,949	11,283	3,222
1971	84,382	7,470	3,192	4,278	76,913	11,331	17,714	16,305	17,024	11,390	3,149
1972[1]	87,034	8,054	3,420	4,636	78,980	12,130	18,960	16,398	16,967	11,412	3,114
1973[1]	89,429	8,507	3,665	4,839	80,924	12,846	20,376	16,492	16,983	11,256	2,974
1974	91,949	8,871	3,810	5,059	83,080	13,314	21,654	16,763	17,131	11,284	2,934
1975	93,775	8,870	3,740	5,131	84,904	13,750	22,864	16,903	17,084	11,346	2,956
1976	96,158	9,056	3,767	5,288	87,103	14,284	24,203	17,317	16,982	11,422	2,895
1977	99,009	9,351	3,919	5,431	89,658	14,825	25,500	17,943	16,878	11,577	2,934
1978[1]	102,251	9,652	4,127	5,526	92,598	15,370	26,703	18,821	16,891	11,744	3,070
1979	104,962	9,638	4,079	5,559	95,325	15,769	27,938	19,685	16,897	11,931	3,104
1980	106,940	9,378	3,883	5,496	97,561	15,922	29,227	20,463	16,910	11,985	3,054
1981	108,670	8,988	3,647	5,340	99,682	16,099	30,392	21,211	16,970	11,969	3,042
1982	110,204	8,526	3,336	5,189	101,679	16,082	31,186	22,431	16,889	12,062	3,030
1983	111,550	8,171	3,073	5,098	103,379	16,052	31,834	23,611	16,851	11,992	3,040
Men											
1948	43,286	2,600	1,109	1,490	40,687	4,673	10,327	9,596	7,943	5,764	2,384
1949	43,498	2,477	1,056	1,420	41,022	4,682	10,418	9,722	8,008	5,748	2,454
1950	43,819	2,504	1,048	1,456	41,316	4,632	10,527	9,793	8,117	5,794	2,453
1951	43,001	2,347	1,081	1,266	40,655	3,935	10,375	9,799	8,205	5,873	2,469
1952	42,869	2,312	1,101	1,210	40,558	3,338	10,585	9,945	8,326	5,949	2,416
1953[1]	43,633	2,320	1,070	1,249	41,315	3,053	10,736	10,437	8,570	5,975	2,543
1954	43,965	2,295	1,023	1,272	41,669	3,051	10,771	10,513	8,702	6,105	2,526
1955	44,475	2,369	1,070	1,299	42,106	3,221	10,806	10,595	8,838	6,122	2,526
1956	45,091	2,433	1,142	1,291	42,658	3,485	10,685	10,663	9,002	6,220	2,602
1957	45,197	2,415	1,127	1,289	42,780	3,629	10,571	10,731	9,153	6,222	2,477
1958	45,521	2,428	1,133	1,295	43,092	3,771	10,475	10,843	9,320	6,304	2,378
1959	45,886	2,596	1,206	1,390	43,289	3,940	10,346	10,899	9,438	6,345	2,322
1960[1]	46,388	2,787	1,290	1,496	43,603	4,123	10,251	10,967	9,574	6,399	2,287
1961	46,653	2,794	1,210	1,583	43,860	4,253	10,176	11,012	9,668	6,530	2,220
1962[1]	46,600	2,770	1,178	1,592	43,831	4,279	9,920	11,115	9,715	6,560	2,241
1963	47,129	2,907	1,321	1,586	44,222	4,514	9,876	11,187	9,836	6,675	2,135
1964	47,679	3,074	1,499	1,575	44,604	4,754	9,876	11,156	9,956	6,741	2,124
1965	48,255	3,397	1,532	1,866	44,857	4,894	9,903	11,120	10,045	6,763	2,132
1966	48,471	3,685	1,609	2,075	44,788	4,820	9,948	10,983	10,100	6,847	2,089
1967	48,987	3,634	1,658	1,976	45,354	5,043	10,207	10,859	10,189	6,937	2,118
1968	49,533	3,681	1,687	1,995	45,852	5,070	10,610	10,725	10,267	7,025	2,154
1969	50,221	3,870	1,770	2,100	46,351	5,282	10,941	10,556	10,344	7,058	2,170
1970	51,228	4,008	1,810	2,199	47,220	5,717	11,327	10,469	10,417	7,126	2,165
1971	52,180	4,172	1,856	2,315	48,009	6,233	11,731	10,347	10,451	7,155	2,090
1972[1]	53,555	4,476	1,955	2,522	49,079	6,766	12,350	10,372	10,412	7,155	2,026
1973[1]	54,624	4,693	2,073	2,618	49,932	7,183	13,056	10,338	10,416	7,028	1,913
1974	55,739	4,861	2,138	2,721	50,879	7,387	13,665	10,401	10,431	7,063	1,932

See footnote at end of table

Table 4. Civilian labor force by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men—Continued											
1975	56,299	4,805	2,065	2,740	51,494	7,565	14,192	10,398	10,401	7,023	1,914
1976	57,174	4,886	2,069	2,817	52,288	7,866	14,784	10,500	10,293	7,020	1,826
1977	58,396	5,048	2,155	2,893	53,348	8,109	15,353	10,771	10,158	7,100	1,857
1978[1]	59,620	5,149	2,227	2,923	54,471	8,327	15,814	11,159	10,083	7,151	1,936
1979	60,726	5,111	2,192	2,919	55,615	8,535	16,387	11,531	10,008	7,212	1,943
1980	61,453	4,999	2,102	2,897	56,455	8,607	16,971	11,836	9,905	7,242	1,893
1981	61,974	4,777	1,957	2,820	57,197	8,648	17,479	12,166	9,868	7,170	1,866
1982	62,450	4,470	1,776	2,694	57,980	8,604	17,793	12,781	9,784	7,174	1,845
1983	63,047	4,303	1,621	2,682	58,744	8,601	18,038	13,398	9,746	7,119	1,842
Women											
1948	17,335	1,835	671	1,164	15,500	2,719	3,931	3,801	2,971	1,565	513
1949	17,788	1,811	648	1,163	15,978	2,658	3,997	3,989	3,099	1,678	556
1950	18,389	1,712	611	1,101	16,678	2,675	4,092	4,161	3,327	1,839	583
1951	19,016	1,756	662	1,094	17,259	2,659	4,293	4,301	3,534	1,923	551
1952	19,269	1,752	705	1,047	17,517	2,502	4,319	4,438	3,635	2,031	589
1953[1]	19,382	1,707	657	1,050	17,674	2,428	4,162	4,662	3,679	2,049	693
1954	19,678	1,681	620	1,028	17,997	2,424	4,212	4,708	3,822	2,164	666
1955	20,548	1,723	641	1,083	18,825	2,445	4,252	4,805	4,154	2,391	779
1956	21,461	1,863	736	1,127	19,599	2,455	4,276	5,031	4,405	2,610	821
1957	21,732	1,860	716	1,144	19,873	2,442	4,255	5,116	4,615	2,631	813
1958	22,118	1,832	685	1,147	20,285	2,501	4,193	5,185	4,859	2,727	821
1959	22,483	1,896	765	1,132	20,587	2,473	4,089	5,228	5,080	2,882	836
1960[1]	23,240	2,054	805	1,251	21,185	2,579	4,131	5,302	5,278	2,986	908
1961	23,806	2,142	774	1,368	21,664	2,697	4,143	5,390	5,403	3,106	926
1962[1]	24,014	2,146	741	1,405	21,868	2,803	4,103	5,474	5,381	3,197	913
1963	24,704	2,232	850	1,380	22,473	2,959	4,174	5,601	5,502	3,331	905
1964	25,412	2,314	950	1,365	23,098	3,209	4,180	5,615	5,681	3,441	966
1965	26,200	2,513	954	1,559	23,686	3,365	4,330	5,720	5,711	3,587	976
1966	27,299	2,873	1,055	1,818	24,431	3,590	4,510	5,755	5,804	3,728	964
1967	28,360	2,887	1,076	1,810	25,475	3,966	4,848	5,844	5,983	3,855	979
1968	29,204	2,938	1,130	1,808	26,266	4,235	5,098	5,868	6,130	3,939	999
1969	30,513	3,100	1,239	1,859	27,413	4,597	5,395	5,902	6,386	4,077	1,057
1970	31,543	3,241	1,325	1,916	28,301	4,880	5,708	5,968	6,532	4,157	1,056
1971	32,202	3,298	1,336	1,963	28,904	5,098	5,983	5,957	6,573	4,234	1,059
1972[1]	33,479	3,578	1,464	2,114	29,901	5,364	6,610	6,027	6,555	4,257	1,089
1973[1]	34,804	3,814	1,592	2,221	30,991	5,663	7,320	6,154	6,567	4,228	1,061
1974	36,211	4,010	1,672	2,338	32,201	5,928	7,989	6,382	6,699	4,221	1,002
1975	37,475	4,065	1,674	2,391	33,410	6,185	8,673	6,505	6,683	4,323	1,042
1976	38,983	4,170	1,698	2,470	34,814	6,418	9,419	6,817	6,689	4,402	1,069
1977	40,613	4,303	1,765	2,538	36,310	6,717	10,149	7,171	6,720	4,477	1,078
1978[1]	42,631	4,503	1,900	2,603	38,128	7,043	10,888	7,662	6,807	4,593	1,134
1979	44,235	4,527	1,887	2,639	39,708	7,234	11,551	8,154	6,889	4,719	1,161
1980	45,487	4,381	1,781	2,599	41,106	7,315	12,257	8,627	7,004	4,742	1,161
1981	46,696	4,211	1,691	2,520	42,485	7,451	12,912	9,045	7,101	4,799	1,176
1982	47,755	4,056	1,561	2,495	43,699	7,477	13,393	9,651	7,105	4,888	1,185
1983	48,503	3,868	1,452	2,416	44,636	7,451	13,796	10,213	7,105	4,873	1,198
WHITE											
1954	56,816	3,501	1,448	2,054	53,315	4,752	13,226	13,540	11,258	7,591	2,946
1955	58,085	3,598	1,511	2,087	54,487	4,941	13,267	13,729	11,680	7,810	3,062
1956	59,428	3,771	1,656	2,113	55,657	5,194	13,154	14,000	12,061	8,080	3,166
1957	59,754	3,775	1,637	2,135	55,979	5,283	13,044	14,117	12,382	8,091	3,049
1958	60,293	3,757	1,615	2,144	56,536	5,449	12,884	14,257	12,727	8,254	2,964
1959	60,952	4,000	1,775	2,225	56,952	5,544	12,670	14,355	13,048	8,411	2,925
1960[1]	61,915	4,275	1,871	2,405	57,640	5,787	12,594	14,450	13,322	8,522	2,964
1961	62,656	4,362	1,767	2,594	58,294	6,026	12,503	14,557	13,517	8,773	2,917
1962[1]	62,750	4,354	1,709	2,645	58,396	6,164	12,218	14,695	13,551	8,856	2,912
1963	63,830	4,559	1,950	2,608	59,271	6,537	12,229	14,859	13,789	9,067	2,790
1964	64,921	4,784	2,211	2,572	60,137	6,952	12,235	14,852	14,043	9,239	2,817
1965	66,137	5,267	2,221	3,044	60,870	7,189	12,391	14,900	14,182	9,392	2,839
1966	67,276	5,827	2,367	3,460	61,449	7,324	12,591	14,785	14,370	9,583	2,793
1967	68,699	5,749	2,432	3,318	62,950	7,886	13,123	14,765	14,545	9,817	2,821
1968	69,976	5,839	2,519	3,320	64,137	8,1[illegible]	13,740	14,683	14,756	9,968	2,884

See footnote at end of table.

Table 4. Civilian labor force by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
WHITE—Continued											
1969	71,778	6,168	2,698	3,470	65,611	8,614	14,289	14,564	15,057	10,132	2,954
1970	73,556	6,442	2,824	3,617	67,113	9,238	14,896	14,525	15,269	10,255	2,930
1971	74,963	6,681	2,894	3,787	68,282	9,889	15,445	14,374	15,343	10,351	2,880
1972[1]	77,275	7,193	3,096	4,098	70,082	10,605	16,584	14,399	15,283	10,402	2,809
1973[1]	79,151	7,579	3,320	4,260	71,572	11,182	17,764	14,440	15,256	10,240	2,687
1974	81,281	7,899	3,441	4,459	73,381	11,600	18,862	14,644	15,375	10,241	2,656
1975	82,831	7,899	3,375	4,525	74,932	12,019	19,897	14,753	15,308	10,287	2,668
1976	84,767	8,088	3,410	4,679	76,678	12,444	20,990	15,088	15,187	10,371	2,599
1977	87,141	8,352	3,562	4,790	78,789	12,892	22,099	15,604	15,053	10,495	2,647
1978[1]	89,634	8,555	3,715	4,839	81,079	13,309	23,067	16,353	15,004	10,602	2,745
1979	91,923	8,548	3,668	4,881	83,375	13,632	24,101	17,123	14,965	10,767	2,787
1980	93,600	8,312	3,485	4,827	85,286	13,769	25,181	17,811	14,956	10,812	2,759
1981	95,052	7,962	3,274	4,688	87,089	13,926	26,208	18,445	14,993	10,764	2,753
1982	96,143	7,518	3,001	4,518	88,625	13,866	26,814	19,491	14,879	10,832	2,742
1983	97,021	7,186	2,765	4,421	89,835	13,816	27,237	20,488	14,798	10,732	2,766
Men											
1954	39,759	1,989	896	1,095	37,770	2,654	9,695	9,516	7,913	5,653	2,339
1955	40,197	2,056	935	1,121	38,141	2,803	9,721	9,597	8,025	5,654	2,343
1956	40,734	2,114	1,002	1,110	38,620	3,036	9,595	9,661	8,175	5,736	2,417
1957	40,826	2,108	992	1,114	38,718	3,152	9,483	9,719	8,317	5,735	2,307
1958	41,080	2,116	1,001	1,116	38,964	3,278	9,386	9,822	8,465	5,800	2,213
1959	41,397	2,279	1,077	1,202	39,118	3,409	9,261	9,876	8,581	5,833	2,158
1960[1]	41,743	2,433	1,140	1,293	39,310	3,559	9,153	9,919	8,689	5,861	2,129
1961	41,986	2,439	1,067	1,372	39,547	3,681	9,072	9,961	8,776	5,988	2,068
1962[1]	41,931	2,432	1,041	1,391	39,499	3,726	8,846	10,029	8,820	5,995	2,082
1963	42,404	2,563	1,183	1,380	39,841	3,955	8,805	10,079	8,944	6,090	1,967
1964	42,894	2,716	1,345	1,371	40,178	4,166	8,800	10,055	9,053	6,161	1,942
1965	43,400	2,999	1,359	1,639	40,401	4,279	8,824	10,023	9,130	6,188	1,959
1966	43,572	3,253	1,423	1,830	40,319	4,200	8,859	9,892	9,189	6,250	1,928
1967	44,041	3,191	1,464	1,727	40,851	4,416	9,102	9,785	9,260	6,348	1,944
1968	44,553	3,236	1,504	1,732	41,318	4,432	9,477	9,662	9,340	6,427	1,981
1969	45,185	3,413	1,583	1,830	41,772	4,615	9,773	9,509	9,413	6,467	1,996
1970	46,035	3,551	1,629	1,922	42,483	4,988	10,099	9,414	9,487	6,517	1,978
1971	46,904	3,719	1,681	2,039	43,185	5,448	10,444	9,294	9,528	6,550	1,922
1972[1]	48,118	3,980	1,758	2,223	44,138	5,937	11,039	9,278	9,473	6,562	1,846
1973[1]	48,920	4,174	1,875	2,300	44,747	6,274	11,621	9,212	9,445	6,452	1,740
1974	49,843	4,312	1,922	2,391	45,532	6,470	12,135	9,246	9,455	6,464	1,759
1975	50,324	4,290	1,871	2,418	46,034	6,642	12,579	9,231	9,415	6,425	1,742
1976	51,033	4,357	1,869	2,489	46,675	6,890	13,092	9,289	9,310	6,437	1,657
1977	52,033	4,496	1,949	2,548	47,537	7,097	13,575	9,509	9,175	6,492	1,688
1978[1]	52,955	4,565	2,002	2,563	48,390	7,274	13,939	9,858	9,068	6,508	1,744
1979	53,856	4,537	1,974	2,563	49,320	7,421	14,415	10,183	8,968	6,571	1,761
1980	54,473	4,424	1,881	2,543	50,049	7,479	14,893	10,455	8,877	6,618	1,727
1981	54,895	4,224	1,751	2,473	50,671	7,521	15,340	10,740	8,836	6,530	1,704
1982	55,133	3,933	1,602	2,331	51,200	7,438	15,549	11,289	8,727	6,520	1,677
1983	55,480	3,764	1,452	2,312	51,716	7,406	15,707	11,817	8,649	6,446	1,691
Women											
1954	17,057	1,512	552	959	15,545	2,098	3,531	4,024	3,345	1,938	607
1955	17,888	1,542	576	966	16,346	2,138	3,546	4,132	3,655	2,156	719
1956	18,694	1,657	654	1,003	17,037	2,158	3,559	4,339	3,886	2,344	749
1957	18,928	1,667	645	1,021	17,261	2,131	3,561	4,398	4,065	2,356	742
1958	19,213	1,641	614	1,028	17,572	2,171	3,498	4,435	4,262	2,454	751
1959	19,555	1,721	698	1,023	17,834	2,135	3,409	4,479	4,467	2,578	767
1960[1]	20,172	1,842	731	1,112	18,330	2,228	3,441	4,531	4,633	2,661	835
1961	20,670	1,923	700	1,222	18,747	2,345	3,431	4,596	4,741	2,785	849
1962[1]	20,819	1,922	668	1,254	18,897	2,438	3,372	4,666	4,731	2,861	830
1963	21,426	1,996	767	1,228	19,430	2,582	3,424	4,780	4,845	2,977	823
1964	22,027	2,068	866	1,201	19,959	2,786	3,435	4,797	4,990	3,078	875
1965	22,737	2,268	862	1,405	20,469	2,910	3,567	4,877	5,032	3,204	880
1966	23,704	2,574	944	1,630	21,130	3,124	3,732	4,893	5,181	3,333	865
1967	24,658	2,558	968	1,591	22,100	3,471	4,021	4,980	5,285	3,469	877
1968	25,423	2,603	1,015	1,588	22,821	3,677	4,263	5,021	5,416	3,541	903

See footnote at end of table.

Table 4. Civilian labor force by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued											
1969	26,593	2,755	1,115	1,640	23,839	3,999	4,516	5,055	5,644	3,665	958
1970	27,521	2,891	1,195	1,695	24,630	4,250	4,797	5,111	5,781	3,738	952
1971	28,060	2,962	1,213	1,748	25,097	4,441	5,001	5,080	5,816	3,801	958
1972[1]	29,157	3,213	1,338	1,875	25,945	4,668	5,544	5,121	5,810	3,839	963
1973[1]	30,231	3,405	1,445	1,960	26,825	4,908	6,143	5,228	5,811	3,788	947
1974	31,437	3,588	1,520	2,068	27,850	5,131	6,727	5,399	5,920	3,777	897
1975	32,508	3,610	1,504	2,107	28,898	5,378	7,318	5,522	5,892	3,862	926
1976	33,735	3,731	1,541	2,189	30,004	5,554	7,898	5,799	5,877	3,935	940
1977	35,108	3,856	1,614	2,243	31,253	5,795	8,523	6,095	5,877	4,003	959
1978[1]	36,679	3,990	1,713	2,276	32,689	6,035	9,128	6,495	5,936	4,094	1,001
1979	38,067	4,011	1,694	2,318	34,056	6,211	9,687	6,940	5,997	4,196	1,024
1980	39,127	3,888	1,605	2,284	35,239	6,290	10,289	7,356	6,079	4,194	1,032
1981	40,157	3,739	1,523	2,216	36,418	6,406	10,868	7,704	6,157	4,235	1,049
1982	41,010	3,585	1,399	2,186	37,425	6,428	11,264	8,202	6,152	4,313	1,065
1983	41,541	3,422	1,314	2,109	38,119	6,410	11,530	8,670	6,149	4,285	1,074
BLACK											
1972[1]	8,707	788	293	496	7,919	1,393	2,107	1,735	1,496	909	281
1973[1]	8,976	833	307	525	8,143	1,489	2,242	1,741	1,513	901	258
1974	9,167	851	317	534	8,317	1,492	2,358	1,777	1,517	917	253
1975	9,263	838	312	524	8,426	1,477	2,466	1,775	1,519	929	258
1976	9,561	837	304	532	8,724	1,544	2,646	1,824	1,518	925	268
1977	9,932	861	304	557	9,072	1,641	2,798	1,894	1,530	943	267
1978[1]	10,432	930	341	589	9,501	1,739	2,961	1,975	1,560	978	289
1979	10,678	912	340	572	9,766	1,793	3,094	2,039	1,584	974	281
1980	10,865	891	326	565	9,975	1,802	3,259	2,081	1,596	978	257
1981	11,086	862	308	554	10,224	1,828	3,365	2,164	1,608	1,009	249
1982	11,331	824	268	556	10,507	1,849	3,492	2,303	1,610	1,012	243
1983	11,647	809	248	561	10,838	1,871	3,675	2,406	1,630	1,032	224
Men											
1972[1]	4,816	453	180	272	4,364	761	1,158	935	824	522	165
1973[1]	4,924	460	175	286	4,464	819	1,217	935	842	499	153
1974	5,020	480	189	291	4,540	798	1,279	953	838	519	152
1975	5,016	447	168	279	4,569	790	1,328	948	833	520	150
1976	5,101	454	168	285	4,648	820	1,383	969	824	504	149
1977	5,263	476	178	299	4,787	856	1,441	1,003	818	515	154
1978[1]	5,435	491	186	306	4,943	883	1,504	1,022	829	540	166
1979	5,559	480	179	301	5,079	928	1,577	1,049	844	524	156
1980	5,612	479	181	298	5,134	935	1,659	1,061	830	509	138
1981	5,685	462	169	293	5,223	940	1,702	1,093	829	524	134
1982	5,804	436	137	300	5,368	964	1,769	1,152	824	525	135
1983	5,966	433	134	300	5,533	997	1,840	1,196	845	536	119
Women											
1972[1]	3,890	335	113	224	3,555	632	949	800	672	387	116
1973[1]	4,052	373	133	240	3,678	670	1,026	806	670	402	105
1974	4,148	371	128	243	3,777	694	1,079	824	679	398	100
1975	4,247	391	144	245	3,857	687	1,138	827	686	409	108
1976	4,460	384	136	247	4,076	723	1,264	855	694	421	119
1977	4,670	385	127	258	4,286	785	1,357	891	712	429	113
1978[1]	4,997	439	155	283	4,558	856	1,456	953	731	439	124
1979	5,119	432	161	271	4,687	865	1,517	990	740	451	124
1980	5,253	412	144	267	4,841	867	1,600	1,020	767	469	119
1981	5,401	400	139	261	5,001	888	1,663	1,071	779	485	115
1982	5,527	387	131	256	5,140	885	1,723	1,151	786	487	108
1983	5,681	375	114	261	5,306	874	1,835	1,210	785	496	105

[1] Not strictly comparable with data for prior years. For a further explanation, see the Technical Note on the Current Population Survey.

Table 5. Civilian labor force participation rates by sex, race and age, 1948-83

(Percent)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL											
1948	58.8	52.5	41.7	63.4	59.4	64.1	63.1	66.7	65.1	56.9	27.0
1949	58.9	52.2	41.2	63.3	59.5	64.9	63.2	67.2	65.3	56.2	27.3
1950	59.2	51.8	40.7	62.9	59.9	65.9	63.5	67.5	66.4	56.7	26.7
1951	59.2	52.2	42.6	62.6	59.8	64.8	64.2	67.6	67.2	56.9	25.8
1952	59.0	51.3	42.7	61.2	59.7	62.2	64.7	68.0	67.5	57.5	24.8
1953	58.9	50.2	40.7	60.9	59.6	61.2	64.0	68.9	68.1	58.0	24.8
1954	58.8	48.3	37.9	59.1	59.6	61.6	64.3	68.8	68.4	58.7	23.9
1955	59.3	48.9	38.5	60.7	60.1	62.7	64.8	68.9	69.7	59.5	24.1
1956	60.0	50.9	41.9	61.2	60.7	64.1	64.8	69.5	70.5	60.8	24.3
1957	59.6	49.6	40.2	60.4	60.4	64.0	64.9	69.5	70.9	60.1	22.9
1958	59.5	47.4	37.3	59.4	60.5	64.4	65.0	69.6	71.5	60.5	21.8
1959	59.3	46.7	36.9	58.9	60.4	64.3	65.0	69.5	71.9	61.0	21.1
1960	59.4	47.5	37.6	59.5	60.5	65.2	65.4	69.4	72.2	60.9	20.8
1961	59.3	46.9	36.3	58.4	60.5	65.7	65.6	69.5	72.1	61.5	20.1
1962	58.8	46.1	34.9	58.2	60.0	65.3	65.2	69.7	72.2	61.5	19.1
1963	58.7	45.2	34.5	58.5	60.1	65.1	65.6	70.1	72.5	62.0	17.9
1964	58.7	44.5	35.1	57.2	60.2	66.3	65.8	70.0	72.9	61.9	18.0
1965	58.9	45.7	35.8	57.1	60.3	66.4	66.4	70.7	72.5	61.9	17.8
1966	59.2	48.2	38.5	58.3	60.5	66.5	67.1	71.0	72.7	62.2	17.2
1967	59.6	48.4	39.0	58.4	60.9	67.1	68.2	71.6	72.7	62.3	17.2
1968	59.6	48.3	39.1	58.5	60.9	67.0	68.6	72.0	72.8	62.2	17.2
1969	60.1	49.4	40.5	59.3	61.3	68.2	69.1	72.5	73.4	62.1	17.3
1970	60.4	49.9	41.0	59.8	61.6	69.2	69.7	73.1	73.5	61.8	17.0
1971	60.2	49.7	40.7	59.6	61.4	69.3	69.9	73.2	73.2	61.3	16.2
1972	60.4	51.9	42.3	62.3	61.4	70.8	70.9	73.3	72.7	60.0	15.6
1973	60.8	53.7	44.5	63.6	61.7	72.6	72.3	74.0	72.5	58.4	14.6
1974	61.3	54.8	45.5	64.8	62.0	74.0	73.6	74.6	72.7	57.8	14.0
1975	61.2	54.0	44.4	64.1	62.1	73.9	74.4	75.0	72.6	57.2	13.7
1976	61.6	54.5	44.6	64.7	62.4	74.7	75.7	76.0	72.5	56.6	13.1
1977	62.3	56.0	46.2	66.2	63.0	75.7	77.0	77.0	72.8	56.3	13.0
1978	63.2	57.8	48.6	67.3	63.8	76.8	78.3	78.1	73.5	56.3	13.3
1979	63.7	57.9	48.6	67.2	64.3	77.5	79.2	79.2	74.3	56.2	13.1
1980	63.8	56.7	46.9	66.5	64.5	77.2	79.9	80.0	74.9	55.7	12.5
1981	63.9	55.4	45.2	65.6	64.8	77.3	80.5	80.7	75.7	55.0	12.2
1982	64.0	54.1	43.2	64.5	65.0	77.1	81.0	81.2	75.9	55.1	11.9
1983	64.0	53.5	41.6	64.6	65.0	77.2	81.3	81.6	76.0	54.5	11.7
Men											
1948	86.6	63.7	52.1	76.4	88.6	84.6	95.9	97.9	95.8	89.5	46.8
1949	86.4	62.8	51.2	75.4	88.5	86.6	95.8	97.9	95.6	87.5	47.0
1950	86.4	63.2	51.3	75.8	88.4	87.9	96.0	97.6	95.8	86.9	45.8
1951	86.3	63.0	53.0	75.0	88.2	88.4	96.9	97.5	95.9	87.2	44.9
1952	86.3	61.3	51.9	73.5	88.3	88.1	97.5	97.8	96.2	87.5	42.6
1953	86.0	60.7	50.4	73.4	88.0	87.7	97.4	98.2	96.5	87.9	41.6
1954	85.5	58.0	47.1	71.5	87.8	86.9	97.3	98.1	96.5	88.7	40.5
1955	85.4	58.9	48.1	72.2	87.6	86.9	97.6	98.1	96.4	87.9	39.6
1956	85.5	60.5	51.0	72.4	87.6	87.8	97.3	97.9	96.6	88.5	40.0
1957	84.8	59.1	49.3	71.6	86.9	87.1	97.1	97.9	96.3	87.5	37.5
1958	84.2	56.6	46.5	69.7	86.6	86.9	97.1	97.9	96.3	87.8	35.6
1959	83.7	55.8	45.0	70.5	86.3	87.8	97.4	97.8	96.0	87.4	34.2
1960	83.3	56.1	46.0	69.3	86.0	88.1	97.5	97.7	95.7	86.8	33.1
1961	82.9	54.6	44.1	66.8	85.7	87.8	97.5	97.6	95.6	87.3	31.7
1962	82.0	53.8	42.6	66.7	84.8	86.9	97.2	97.6	95.6	86.2	30.3
1963	81.4	52.9	41.8	68.0	84.4	86.1	97.1	97.5	95.7	86.2	28.4
1964	81.0	52.4	42.8	66.6	84.2	86.1	97.3	97.3	95.7	85.6	28.0
1965	80.7	53.8	43.9	65.9	83.9	85.8	97.2	97.3	95.6	84.6	27.9
1966	80.4	55.3	46.3	65.3	83.6	85.1	97.3	97.2	95.3	84.5	27.1
1967	80.4	55.6	47.0	65.6	83.4	84.4	97.2	97.3	95.2	84.4	27.1
1968	80.1	55.1	46.4	65.4	83.1	82.8	96.9	97.1	94.9	84.3	27.3
1969	79.8	55.9	47.3	65.9	82.8	82.8	96.7	96.9	94.6	83.4	27.2
1970	79.7	56.1	47.0	66.7	82.6	83.3	96.4	96.9	94.3	83.0	26.8
1971	79.1	56.1	46.9	66.6	82.1	83.0	95.9	96.5	93.9	82.1	25.5
1972	78.9	58.1	47.9	69.6	81.6	83.9	95.7	96.4	93.2	80.4	24.3
1973	78.8	59.7	49.9	70.7	81.3	85.2	95.7	96.2	93.0	78.2	22.7
1974	78.7	60.7	50.5	72.0	81.0	85.9	95.8	96.0	92.2	77.3	22.4
1975	77.9	59.1	48.6	70.6	80.3	84.5	95.2	95.6	92.1	75.6	21.6

Table 5. Civilian labor force participation rates by sex, race and age, 1948-83—Continued

(Percent)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men—Continued											
1976	77.5	59.3	48.5	70.8	79.8	85.2	95.2	95.4	91.6	74.3	20.2
1977	77.7	60.9	50.2	72.3	79.7	85.6	95.3	95.7	91.1	73.8	20.0
1978	77.9	62.0	51.8	72.8	79.8	85.9	95.3	95.7	91.3	73.3	20.4
1979	77.8	61.5	51.6	71.9	79.8	86.4	95.3	95.7	91.4	72.8	19.9
1980	77.4	60.5	50.1	71.3	79.4	85.9	95.2	95.5	91.2	72.1	19.0
1981	77.0	59.0	47.9	70.4	79.0	85.5	94.9	95.4	91.4	70.6	18.4
1982	76.6	56.7	45.4	67.9	78.7	84.9	94.7	95.3	91.2	70.2	17.8
1983	76.4	56.2	43.2	68.6	78.5	84.8	94.2	95.2	91.2	69.4	17.4
Women											
1948	32.7	42.0	31.4	52.1	31.8	45.3	33.2	36.9	35.0	24.3	9.1
1949	33.1	42.4	31.2	53.0	32.3	45.0	33.4	38.1	35.9	25.3	9.6
1950	33.9	41.0	30.1	51.3	33.3	46.0	34.0	39.1	37.9	27.0	9.7
1951	34.6	42.4	32.2	52.5	34.0	46.5	35.4	39.8	39.7	27.6	8.9
1952	34.7	42.2	33.4	51.3	34.1	44.7	35.4	40.4	40.1	28.7	9.1
1953	34.4	40.7	31.0	50.7	33.9	44.3	34.0	41.3	40.4	29.1	10.0
1954	34.6	39.4	28.7	48.7	34.2	45.1	34.4	41.2	41.2	30.0	9.3
1955	35.7	39.7	28.9	50.9	35.4	45.9	34.9	41.6	43.8	32.5	10.6
1956	36.9	42.2	32.8	51.9	36.4	46.3	35.4	43.1	45.5	34.9	10.8
1957	36.9	41.1	31.1	51.4	36.5	45.9	35.6	43.3	46.5	34.5	10.5
1958	37.1	39.0	28.1	50.8	36.9	46.3	35.6	43.4	47.8	35.2	10.3
1959	37.1	38.2	28.8	49.0	37.1	45.1	35.3	43.4	49.0	36.6	10.2
1960	37.7	39.3	29.1	50.9	37.6	46.1	36.0	43.4	49.9	37.2	10.8
1961	38.1	39.7	28.5	51.0	38.0	47.0	36.4	43.8	50.1	37.9	10.7
1962	37.9	39.0	27.1	50.8	37.8	47.3	36.3	44.1	50.0	38.7	10.0
1963	38.3	38.0	27.1	50.4	38.3	47.5	37.2	44.9	50.6	39.7	9.6
1964	38.7	37.0	27.4	49.2	38.9	49.4	37.2	45.0	51.4	40.2	10.1
1965	39.3	38.0	27.7	49.3	39.4	49.9	38.5	46.1	50.9	41.1	10.0
1966	40.3	41.4	30.7	52.0	40.1	51.5	39.8	46.8	51.7	41.8	9.6
1967	41.1	41.6	31.0	52.2	41.1	53.3	41.9	48.1	51.8	42.4	9.6
1968	41.6	41.9	31.7	52.4	41.6	54.5	42.6	48.9	52.3	42.4	9.6
1969	42.7	43.2	33.7	53.3	42.7	56.7	43.7	49.9	53.8	43.1	9.9
1970	43.3	44.0	34.9	53.6	43.3	57.7	45.0	51.1	54.4	43.0	9.7
1971	43.4	43.4	34.3	53.1	43.3	57.7	45.6	51.6	54.3	42.9	9.5
1972	43.9	45.8	36.7	55.5	43.7	59.1	47.8	52.0	53.9	42.1	9.3
1973	44.7	47.8	39.1	56.8	44.4	61.1	50.4	53.3	53.7	41.1	8.9
1974	45.7	49.1	40.4	58.0	45.3	63.1	52.6	54.7	54.6	40.7	8.1
1975	46.3	49.1	40.2	58.1	46.0	64.1	54.9	55.8	54.6	40.9	8.2
1976	47.3	49.8	40.7	58.9	47.0	65.0	57.3	57.8	55.0	41.0	8.2
1977	48.4	51.2	42.1	60.3	48.1	66.5	59.7	59.6	55.8	40.9	8.1
1978	50.0	53.7	45.4	62.0	49.6	68.3	62.2	61.6	57.1	41.3	8.3
1979	50.9	54.2	45.6	62.7	50.6	69.0	63.9	63.6	58.3	41.7	8.3
1980	51.5	52.9	43.6	61.9	51.3	68.9	65.5	65.5	59.9	41.3	8.1
1981	52.1	51.8	42.5	60.9	52.1	69.6	66.7	66.8	61.1	41.4	8.0
1982	52.6	51.4	41.0	61.2	52.7	69.8	68.0	68.0	61.6	41.8	7.9
1983	52.9	50.8	39.9	60.7	53.1	69.9	69.0	68.7	61.9	41.5	7.8
WHITE											
1954	58.2	48.8	38.2	60.5	58.9	61.0	63.5	68.0	67.9	58.4	23.7
1955	58.7	49.3	39.0	61.0	59.5	62.4	64.0	68.3	69.2	59.3	23.9
1956	59.4	51.3	42.4	61.5	60.1	64.1	64.0	68.9	70.1	60.6	24.2
1957	59.1	50.3	40.9	61.0	59.8	63.7	64.1	68.8	70.5	59.9	22.8
1958	58.9	47.9	37.8	60.0	59.8	64.1	64.2	68.8	71.0	60.3	21.7
1959	58.7	47.4	37.7	59.7	59.7	63.7	64.3	68.7	71.5	60.7	21.0
1960	58.8	47.9	38.1	59.9	59.8	64.8	64.7	68.6	71.7	60.6	20.8
1961	58.8	47.4	36.9	58.6	59.9	65.5	64.8	68.8	71.7	61.3	20.0
1962	58.3	46.6	35.5	58.4	59.4	65.0	64.4	69.0	71.8	61.3	19.0
1963	58.2	45.7	35.1	58.9	59.4	64.9	64.8	69.4	72.3	61.8	17.9
1964	58.2	45.1	36.0	57.4	59.6	65.8	64.9	69.5	72.5	61.8	17.8
1965	58.4	46.5	36.7	57.7	59.7	65.7	65.6	70.1	72.2	61.7	17.7
1966	58.7	49.1	39.5	58.9	59.8	66.0	66.3	70.4	72.5	61.9	17.1
1967	59.2	49.2	40.2	58.9	60.3	66.8	67.4	71.2	72.5	62.3	17.0
1968	59.3	49.3	40.5	59.1	60.4	66.6	67.9	71.7	72.7	62.2	17.1
1969	59.9	50.6	42.0	60.2	60.9	67.9	68.4	72.3	73.3	62.1	17.2
1970	60.2	51.4	42.8	61.0	61.2	69.2	69.1	72.9	73.5	61.8	16.8
1971	60.1	51.6	42.9	61.2	61.1	69.6	69.3	73.0	73.4	61.3	16.1

Table 5. Civilian labor force participation rates by sex, race and age, 1948-83—Continued

(Percent)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
WHITE—Continued											
1972	60.4	54.1	44.8	64.1	61.2	71.2	70.4	73.2	72.9	60.3	15.4
1973	60.8	56.0	47.3	65.4	61.4	73.3	72.0	73.9	72.7	58.6	14.4
1974	61.4	57.3	48.4	66.8	61.9	74.8	73.4	74.6	73.0	58.0	13.9
1975	61.5	56.7	47.3	66.5	62.0	75.2	74.4	75.1	73.0	57.4	13.6
1976	61.8	57.5	47.9	67.5	62.3	76.0	75.6	76.1	73.0	56.9	13.0
1977	62.5	59.3	49.8	69.0	62.9	77.1	77.0	77.1	73.2	56.6	12.9
1978	63.3	60.8	52.1	69.9	63.6	78.1	78.3	78.1	73.8	56.4	13.1
1979	63.9	61.1	52.2	70.1	64.2	78.9	79.4	79.3	74.6	56.5	12.9
1980	64.1	60.0	50.4	69.5	64.5	78.7	80.2	80.3	75.4	56.0	12.5
1981	64.3	58.9	48.8	68.8	64.8	79.1	81.0	81.0	76.2	55.2	12.2
1982	64.3	57.5	47.0	67.5	65.0	78.9	81.6	81.5	76.4	55.3	12.0
1983	64.3	56.9	45.4	67.7	65.0	79.0	81.8	81.9	76.5	54.7	11.8
Men											
1954	85.6	57.6	47.1	70.5	87.8	86.3	97.5	98.2	96.8	89.1	40.4
1955	85.4	58.6	48.1	71.7	87.5	86.5	97.8	98.2	96.7	88.4	39.6
1956	85.6	60.4	51.3	71.8	87.6	87.6	97.4	98.1	96.8	88.9	40.0
1957	84.8	59.2	49.6	71.5	86.9	86.6	97.2	98.0	96.7	88.0	37.7
1958	84.3	56.5	46.8	69.4	86.6	86.7	97.2	98.0	96.6	88.2	35.7
1959	83.8	55.9	45.4	70.3	86.3	87.3	97.5	98.0	96.3	87.9	34.3
1960	83.4	55.9	46.0	69.0	86.0	87.8	97.7	97.9	96.1	87.2	33.3
1961	83.0	54.5	44.3	66.2	85.7	87.6	97.7	97.9	95.9	87.8	31.9
1962	82.1	53.8	42.9	66.4	84.9	86.5	97.4	97.9	96.0	86.7	30.6
1963	81.5	53.1	42.4	67.8	84.4	85.8	97.4	97.8	96.2	86.6	28.4
1964	81.1	52.7	43.5	66.6	84.2	85.7	97.5	97.6	96.1	86.1	27.9
1965	80.8	54.1	44.6	65.8	83.9	85.3	97.4	97.7	95.9	85.2	27.9
1966	80.6	55.9	47.1	65.4	83.6	84.4	97.5	97.6	95.8	84.9	27.2
1967	80.6	56.3	47.9	66.1	83.5	84.0	97.5	97.7	95.6	84.9	27.1
1968	80.4	55.9	47.7	65.7	83.2	82.4	97.2	97.6	95.4	84.7	27.4
1969	80.2	56.8	48.8	66.3	83.0	82.6	97.0	97.4	95.1	83.9	27.3
1970	80.0	57.5	48.9	67.4	82.8	83.3	96.7	97.3	94.9	83.3	26.7
1971	79.6	57.9	49.3	67.8	82.3	83.2	96.3	97.0	94.7	82.6	25.6
1972	79.6	60.1	50.2	71.1	82.0	84.3	96.0	97.0	94.0	81.1	24.4
1973	79.4	62.0	52.7	72.3	81.6	85.8	96.2	96.8	93.5	78.9	22.7
1974	79.4	62.9	53.3	73.6	81.4	86.6	96.3	96.7	93.0	78.0	22.4
1975	78.7	61.9	51.8	72.8	80.7	85.5	95.8	96.4	92.9	76.4	21.7
1976	78.4	62.3	51.8	73.5	80.3	86.3	95.9	96.0	92.5	75.2	20.2
1977	78.5	64.0	53.8	74.9	80.2	86.8	96.0	96.2	92.1	74.6	20.0
1978	78.6	65.0	55.3	75.3	80.1	87.3	95.9	96.3	92.1	73.7	20.3
1979	78.6	64.8	55.3	74.5	80.1	87.6	96.0	96.4	92.2	73.4	20.0
1980	78.2	63.7	53.6	74.1	79.8	87.2	95.9	96.2	92.1	73.1	19.1
1981	77.9	62.4	51.5	73.5	79.5	87.0	95.8	96.1	92.4	71.5	18.5
1982	77.4	60.0	49.3	70.5	79.2	86.3	95.6	96.0	92.2	71.0	17.9
1983	77.1	59.4	46.9	71.3	78.9	86.1	95.2	96.0	91.9	70.0	17.7
Women											
1954	33.3	40.6	29.3	52.1	32.7	44.4	32.5	39.3	39.8	29.1	9.1
1955	34.5	40.7	29.9	52.0	34.0	45.8	32.8	40.0	42.7	31.8	10.5
1956	35.7	43.1	33.5	53.0	35.1	46.5	33.2	41.5	44.4	34.0	10.6
1957	35.7	42.2	32.1	52.6	35.2	45.8	33.6	41.5	45.4	33.7	10.2
1958	35.8	40.1	28.8	52.3	35.5	46.0	33.6	41.4	46.5	34.5	10.1
1959	36.0	39.6	29.9	50.8	35.6	44.5	33.4	41.4	47.8	35.7	10.0
1960	36.5	40.3	30.0	51.9	36.2	45.7	34.1	41.5	48.6	36.2	10.6
1961	36.9	40.6	29.4	51.9	36.6	46.9	34.3	41.8	48.9	37.2	10.5
1962	36.7	39.8	27.9	51.6	36.5	47.1	34.1	42.2	48.9	38.0	9.8
1963	37.2	38.7	27.8	51.3	37.0	47.3	34.8	43.1	49.5	38.9	9.4
1964	37.5	37.8	28.4	49.6	37.5	48.8	35.0	43.3	50.2	39.4	9.9
1965	38.1	39.2	28.7	50.6	38.0	49.2	36.3	44.4	49.9	40.3	9.7
1966	39.2	42.6	31.8	53.1	38.8	51.0	37.7	45.0	50.6	41.1	9.4
1967	40.1	42.5	32.3	52.7	39.8	53.1	39.7	46.4	50.9	41.9	9.3
1968	40.7	43.0	33.0	53.3	40.4	54.0	40.6	47.5	51.5	42.0	9.4
1969	41.8	44.6	35.2	54.6	41.5	56.4	41.7	48.6	53.0	42.6	9.7
1970	42.6	45.6	36.6	55.0	42.2	57.7	43.2	49.9	53.7	42.6	9.5
1971	42.6	45.4	36.3	55.0	42.3	58.0	43.7	50.2	53.6	42.5	9.3
1972	43.2	48.1	39.3	57.4	42.7	59.4	46.0	50.7	53.4	41.9	9.0
1973	44.1	50.1	41.7	58.8	43.5	61.7	48.7	52.2	53.4	40.7	8.7

Table 5. Civilian labor force participation rates by sex, race and age, 1948-83—Continued

(Percent)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued											
1974	45.2	51.7	43.3	60.4	44.4	63.9	51.3	53.6	54.3	40.4	8.0
1975	45.9	51.5	42.7	60.4	45.3	65.5	53.8	54.9	54.3	40.6	8.0
1976	46.9	52.8	43.8	61.7	46.2	66.3	56.0	57.1	54.7	40.7	7.9
1977	48.0	54.5	45.8	63.3	47.3	67.8	58.5	58.9	55.3	40.7	7.9
1978	49.4	56.7	48.8	64.6	48.7	69.3	61.2	60.7	56.7	41.1	8.1
1979	50.5	57.4	49.0	65.7	49.8	70.5	63.1	63.0	58.1	41.5	8.1
1980	51.2	56.2	47.2	65.1	50.6	70.6	64.8	65.0	59.6	40.9	7.9
1981	51.9	55.4	46.1	64.2	51.5	71.5	66.4	66.4	60.9	40.9	7.9
1982	52.4	55.0	44.6	64.6	52.2	71.8	67.8	67.5	61.4	41.5	7.8
1983	52.7	54.5	43.9	64.1	52.5	72.1	68.7	68.2	61.9	41.1	7.8
BLACK											
1972	59.9	39.1	27.6	51.8	63.3	68.6	74.9	74.4	70.0	56.9	17.5
1973	60.2	39.8	28.1	52.6	63.4	69.7	75.7	74.5	70.3	55.9	16.0
1974	59.8	39.8	28.3	52.6	63.0	69.8	75.8	74.6	69.1	54.7	15.1
1975	58.8	38.2	27.4	50.0	62.0	66.1	75.6	74.1	69.0	54.3	14.9
1976	59.0	37.0	26.1	48.4	62.5	66.8	77.4	74.9	68.6	53.4	14.9
1977	59.8	37.9	25.8	50.7	63.2	68.2	78.3	75.9	69.0	53.7	14.5
1978	61.5	41.0	29.1	53.6	64.5	69.9	79.6	77.4	70.4	54.8	15.3
1979	61.4	40.1	29.1	51.6	64.5	70.0	79.2	77.9	71.1	53.5	14.5
1980	61.0	38.9	27.8	50.4	64.1	69.0	79.5	77.4	71.4	52.6	13.0
1981	60.8	37.7	26.5	49.2	64.2	69.2	78.5	78.4	71.2	52.8	12.0
1982	61.0	36.6	23.9	49.0	64.3	68.6	78.7	79.8	71.1	52.3	11.5
1983	61.5	36.4	22.7	49.5	64.9	68.4	79.8	80.2	72.1	52.5	10.5
Men											
1972	73.6	46.3	34.3	60.2	78.5	82.7	92.7	91.1	85.4	72.5	24.2
1973	73.4	45.7	32.3	61.2	78.4	83.7	91.8	91.0	87.4	69.5	22.3
1974	72.9	46.7	34.0	61.9	77.6	83.6	92.8	90.4	84.0	68.9	21.6
1975	70.9	42.6	29.8	57.2	76.0	78.7	91.6	89.4	83.5	67.7	20.7
1976	70.0	41.3	29.0	55.0	75.4	79.0	90.9	89.9	82.4	65.1	19.8
1977	70.6	43.2	30.2	58.0	75.6	79.2	90.7	91.0	82.0	65.5	20.0
1978	71.5	44.9	31.9	59.7	76.2	78.8	90.9	90.5	83.2	67.9	21.1
1979	71.3	43.6	30.7	58.1	76.3	80.7	90.8	90.4	84.5	64.8	19.5
1980	70.3	43.2	30.9	56.6	75.1	79.9	90.9	89.1	83.0	61.9	16.9
1981	70.0	41.6	29.2	55.0	74.5	79.2	88.9	89.3	82.7	62.1	16.0
1982	70.1	39.8	24.6	55.3	74.7	78.7	89.2	89.8	82.2	61.9	15.9
1983	70.6	39.9	24.7	55.0	75.2	79.4	89.0	89.7	84.5	62.6	14.0
Women											
1972	48.7	32.2	21.0	44.3	51.2	57.0	60.8	61.4	57.2	44.0	12.6
1973	49.3	34.2	23.9	45.1	51.6	58.0	62.7	61.7	56.1	44.7	11.4
1974	49.0	33.4	22.7	44.6	51.4	58.8	62.4	62.2	56.4	42.8	10.4
1975	48.8	34.2	25.0	43.8	51.1	55.9	62.8	62.0	56.6	43.1	10.7
1976	49.8	32.9	23.2	42.6	52.5	56.9	66.7	63.0	56.8	43.7	11.3
1977	50.8	32.9	21.5	44.3	53.6	59.3	68.5	64.1	57.9	43.7	10.5
1978	53.1	37.3	26.4	48.3	55.5	62.7	70.6	67.2	59.4	43.8	11.1
1979	53.1	36.8	27.5	45.9	55.4	61.5	70.1	68.0	59.6	44.0	10.9
1980	53.1	34.9	24.6	45.0	55.6	60.2	70.5	68.1	61.4	44.8	10.2
1981	53.5	34.0	23.9	44.0	56.0	61.1	70.0	69.8	62.0	45.4	9.3
1982	53.7	33.5	23.3	43.3	56.2	60.1	70.2	71.7	62.4	44.8	8.5
1983	54.2	33.0	20.8	44.4	56.8	59.1	72.3	72.6	62.3	44.8	8.2

Table 6. Civilian labor force participation rates by marital status, age, and sex, 1955-83

Marital status and year	Men								Women							
	Total, 16 years and over[1]	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total, 16 years and over[1]	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
SINGLE																
1955	63.6	35.7	69.8	79.3	91.9	91.4	85.3	33.0	50.6	20.2	61.2	77.6	83.6	79.6	74.8	24.5
1956	64.3	38.0	70.6	80.3	90.5	89.9	84.8	33.6	51.5	22.5	62.0	78.2	83.1	81.6	75.9	24.8
1957	62.2	36.0	69.8	78.7	89.8	89.6	82.6	31.0	50.0	21.3	60.6	76.6	84.4	82.9	76.4	23.7
1958	60.7	34.1	67.6	78.4	90.0	89.7	83.2	29.3	48.5	19.7	60.6	76.5	84.2	82.8	77.2	24.1
1959	60.6	34.3	68.3	79.9	91.0	88.9	82.3	30.0	47.4	21.0	57.1	75.5	82.9	82.3	77.8	22.3
1960	60.2	33.9	67.1	80.3	91.5	88.8	80.1	31.2	48.0	20.9	58.6	77.2	83.4	82.9	79.8	24.3
1961	57.9	31.7	64.0	79.9	90.1	88.3	79.4	28.5	46.5	20.2	58.4	75.9	84.1	81.7	76.7	23.0
1962	56.3	30.5	64.2	78.6	89.6	87.4	79.9	28.4	44.8	19.3	57.4	74.1	82.3	80.8	76.6	18.5
1963	55.8	30.6	66.1	77.4	89.2	87.9	78.9	25.1	44.2	19.0	56.6	73.7	81.9	80.6	76.8	19.3
1964	55.6	31.7	64.5	76.6	90.7	87.3	79.2	24.9	44.2	19.8	54.9	74.0	84.2	79.6	76.7	21.7
1965	55.5	32.3	63.8	75.7	90.0	87.5	78.1	23.2	44.4	19.9	54.4	72.9	82.9	81.8	76.1	22.4
1966	64.6	46.1	62.8	73.5	89.6	87.5	75.7	20.4	55.6	31.1	56.3	73.8	82.2	80.7	76.5	18.8
1967	65.2	46.8	63.3	73.6	90.1	87.3	77.0	22.1	55.3	31.5	56.0	72.1	82.2	80.0	74.2	19.4
1968	64.6	46.2	63.2	71.9	89.0	86.6	77.8	24.2	55.6	32.1	55.5	73.1	81.8	79.2	74.6	19.1
1969	64.9	47.2	63.6	72.4	87.8	86.5	75.9	24.8	56.7	34.2	56.4	72.5	82.4	80.5	75.2	20.2
1970	65.5	46.8	64.4	73.8	87.9	86.2	75.7	25.2	56.8	35.3	57.3	73.0	81.4	78.6	73.0	19.7
1971	65.4	46.7	64.4	73.7	87.4	84.0	74.7	25.1	56.3	34.9	56.3	72.3	81.5	78.1	72.6	17.8
1972	66.9	47.7	67.5	75.8	86.4	84.1	71.6	23.5	57.5	37.0	58.6	72.6	82.5	74.8	70.6	17.2
1973	68.2	49.7	68.8	77.6	86.9	83.0	70.9	20.8	58.6	39.6	60.0	72.9	80.8	76.2	69.1	16.5
1974	69.2	50.2	70.2	78.7	86.9	82.9	70.8	20.2	59.5	40.9	61.3	73.1	81.3	77.2	69.2	13.3
1975	68.6	48.4	68.9	77.9	86.7	83.2	69.9	21.0	59.7	40.6	60.6	72.5	80.8	78.6	68.3	15.8
1976	69.5	48.3	69.3	79.1	87.6	82.2	68.8	20.7	61.0	41.2	61.3	73.8	82.5	77.6	69.6	15.6
1977	70.9	50.1	71.1	79.7	88.2	82.2	67.8	19.6	62.1	42.7	62.8	74.6	82.3	76.4	67.6	14.4
1978	72.2	51.8	71.7	81.0	88.8	84.0	67.9	16.8	63.8	45.9	64.4	75.3	81.9	76.2	65.8	14.1
1979	72.6	51.4	70.9	81.8	89.2	82.5	67.3	18.2	64.6	46.0	64.4	76.1	83.0	76.9	65.8	13.5
1980	72.6	50.0	70.4	81.3	89.2	82.2	66.9	16.8	64.4	44.1	64.0	75.2	83.3	76.9	65.6	13.3
1981	72.3	47.7	69.3	80.9	88.7	83.7	64.6	15.4	64.5	42.7	62.7	75.4	83.1	77.2	64.3	11.9
1982	72.1	45.3	66.8	80.4	89.1	84.7	64.1	17.6	65.1	41.1	62.5	75.7	83.8	79.9	64.8	13.0
1983	72.5	43.1	67.9	80.9	88.4	83.7	66.5	19.2	65.0	40.1	62.3	74.8	83.1	79.8	64.2	12.5
MARRIED, SPOUSE PRESENT																
1955	90.9	(2)	97.4	95.8	98.9	98.8	94.2	44.6	28.5	13.4	28.1	30.1	26.5	34.4	29.9	6.6
1956	90.9	(2)	95.4	96.5	98.8	98.9	94.5	45.1	29.9	18.3	29.3	30.9	27.3	36.0	32.0	7.3
1957	90.3	(2)	96.1	96.6	98.7	98.7	94.2	42.3	30.1	17.0	29.8	30.9	27.6	36.5	32.4	6.6
1958	89.9	(2)	95.5	96.6	98.7	98.8	94.1	39.9	30.7	17.1	30.2	31.7	27.9	36.9	33.5	6.6
1959	89.6	(2)	97.2	96.4	98.7	98.7	93.9	38.2	31.2	16.8	30.1	31.4	28.2	36.9	35.0	6.3
1960	89.2	(2)	96.7	97.1	98.8	98.6	93.7	36.6	31.9	16.8	30.9	31.7	28.8	37.2	36.0	6.7
1961	89.0	(2)	96.7	97.1	98.9	98.6	93.8	35.3	32.5	18.4	31.1	33.0	29.1	37.8	36.9	6.8
1962	88.2	(2)	94.1	96.2	98.7	98.7	93.3	33.8	32.8	18.6	33.6	33.6	29.3	38.5	37.4	6.3
1963	87.8	(2)	92.5	96.3	98.7	98.5	93.4	31.8	33.4	19.8	33.8	33.3	30.1	39.0	38.2	6.3
1964	87.5	(2)	96.2	96.8	98.6	98.3	93.0	31.4	34.1	18.4	32.9	35.9	30.3	39.7	39.2	6.4
1965	87.4	(2)	92.9	96.4	98.5	98.4	92.6	31.0	34.9	18.6	34.1	37.1	31.5	40.5	39.5	6.7
1966	87.1	(2)	94.1	96.7	98.6	98.4	92.4	30.2	35.9	20.6	37.3	38.9	33.1	41.4	40.3	6.8
1967	87.0	(2)	96.2	95.9	98.5	98.3	92.2	30.1	37.3	21.8	38.6	41.5	35.5	42.7	41.3	6.9
1968	86.8	(2)	95.5	95.2	98.4	98.2	92.0	30.2	38.2	23.4	40.8	42.8	36.3	44.1	42.0	6.9
1969	86.8	(2)	93.7	95.2	98.3	98.1	91.5	29.9	39.5	22.0	41.7	46.4	37.3	45.5	43.2	7.1
1970	86.1	(2)	94.7	94.7	98.0	98.1	91.2	29.9	40.5	27.0	40.3	47.9	38.8	46.8	44.0	7.3
1971	85.5	(2)	93.7	94.6	97.7	97.8	90.7	27.8	40.6	23.5	41.7	48.4	39.2	47.3	43.7	7.2
1972	85.0	(2)	96.1	95.0	97.6	97.7	89.8	26.4	41.2	30.5	44.2	50.1	41.1	47.8	43.4	7.4
1973	84.4	(2)	94.9	95.4	97.6	97.6	88.6	24.8	42.3	31.3	46.6	52.7	44.0	49.3	42.9	7.2
1974	83.9	82.1	96.2	96.2	97.8	97.5	87.7	24.2	43.3	29.0	48.2	55.3	46.0	50.8	43.3	6.8
1975	83.0	(2)	95.6	95.3	97.4	97.1	86.8	23.3	44.3	32.7	49.5	57.0	48.4	52.0	43.8	7.0
1976	82.4	(2)	95.8	95.6	97.4	96.9	86.1	21.9	45.3	31.1	50.3	57.3	50.5	53.9	44.3	7.0
1977	82.1	(2)	96.7	96.5	97.5	97.2	85.5	21.8	46.4	30.1	50.7	58.6	52.8	55.7	44.6	7.1
1978	81.8	(2)	96.6	96.5	97.6	97.1	85.1	22.4	47.9	36.5	50.9	60.4	55.5	57.8	45.4	7.1
1979	81.6	(2)	96.3	97.0	97.6	97.2	84.8	21.8	49.1	39.3	54.7	60.8	57.1	60.0	46.2	7.5
1980	81.0	(2)	94.5	96.9	97.5	97.2	84.3	20.5	49.9	35.9	52.1	61.4	58.8	61.8	46.9	7.3
1981	80.5	(2)	95.0	96.5	97.4	97.0	83.5	19.9	50.5	33.3	50.2	62.1	60.2	62.8	47.4	7.1
1982	80.0	(2)	94.4	96.3	97.3	96.8	83.2	19.0	51.1	38.3	53.5	62.2	61.5	64.1	47.8	7.1
1983	79.4	(2)	89.8	96.2	97.0	97.0	82.4	18.6	51.8	35.0	49.4	63.2	63.1	64.8	47.9	7.3

See footnotes at end of table.

Table 6. Civilian labor force participation rates by marital status, age, and sex, 1955-83—Continued

Marital status and year	Men								Women							
	Total, 16 years and over[1]	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total, 16 years and over[1]	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
OTHER[3]																
1955	64.8	(2)	(2)	93.2	96.1	95.1	85.1	28.0	40.7	(2)	41.0	54.7	62.0	69.4	55.9	11.2
1956	64.7	(2)	(2)	93.0	95.4	94.1	85.8	28.1	41.2	(2)	42.9	54.4	65.0	71.9	57.3	11.1
1957	63.1	(2)	(2)	93.6	95.9	94.7	83.5	25.0	41.3	(2)	46.3	55.8	63.9	72.6	58.8	11.2
1958	63.1	(2)	(2)	95.6	94.7	93.9	85.2	24.4	41.6	(2)	44.0	56.9	64.1	72.6	59.5	10.8
1959	62.8	(2)	(2)	95.7	94.9	94.5	90.3	23.3	41.6	(2)	51.6	55.2	62.7	71.5	60.0	10.9
1960	63.1	(2)	(2)	96.9	95.2	94.4	83.2	22.7	41.6	(2)	47.9	58.0	63.1	70.0	60.0	11.4
1961	62.4	(2)	(2)	95.0	96.6	93.6	83.0	21.2	41.7	(2)	46.6	57.5	62.1	69.4	60.7	11.6
1962	59.9	(2)	(2)	92.0	94.4	92.9	82.1	20.2	40.6	(2)	45.0	57.1	60.3	67.3	60.8	11.2
1963	60.0	(2)	(2)	92.2	94.4	93.2	82.1	19.4	40.9	(2)	47.3	55.3	62.3	69.3	61.2	10.5
1964	60.3	(2)	(2)	92.0	94.5	93.3	82.0	18.7	40.6	(2)	43.1	56.6	61.5	67.8	61.7	10.9
1965	60.4	(2)	(2)	96.6	95.1	93.0	80.8	18.7	40.7	(2)	44.1	59.2	64.1	69.3	61.6	10.5
1966	59.7	(2)	(2)	93.2	94.6	91.6	80.7	17.7	41.3	(2)	54.4	61.1	63.2	70.4	62.5	10.4
1967	58.9	(2)	(2)	91.4	94.7	92.9	79.8	18.3	41.0	(2)	50.0	62.5	64.3	71.7	61.8	10.1
1968	59.4	(2)	(2)	90.8	84.4	92.1	79.0	17.7	40.4	(2)	50.9	59.3	63.6	69.7	61.8	10.9
1969	59.8	(2)	(2)	92.5	94.7	90.3	79.3	18.0	40.7	(2)	51.6	62.1	64.8	68.8	62.6	10.5
1970	60.6	(2)	(2)	90.4	93.7	91.1	78.5	18.3	40.3	(2)	52.1	60.3	64.6	68.8	61.9	10.0
1971	61.3	(2)	(2)	88.4	93.3	91.4	77.4	16.9	40.3	(2)	47.1	59.2	62.8	69.3	62.2	9.9
1972	61.5	(2)	(2)	89.0	92.8	90.5	75.5	16.9	40.0	(2)	49.5	59.7	64.1	69.3	60.6	9.7
1973	61.6	(2)	(2)	89.9	93.0	91.0	74.4	15.8	39.7	27.8	50.0	63.0	65.9	69.5	60.3	9.0
1974	63.0	(2)	(2)	93.6	94.6	90.5	74.4	16.1	40.2	(2)	48.1	65.6	69.1	68.9	59.9	8.5
1975	63.2	(2)	(2)	88.8	92.4	89.4	73.4	15.4	40.1	(2)	51.1	65.3	68.6	69.2	59.0	8.3
1976	63.3	(2)	(2)	92.3	92.3	89.8	71.5	13.6	40.5	(2)	52.8	64.4	71.0	71.3	58.2	8.3
1977	64.6	(2)	(2)	93.0	93.7	91.4	71.5	13.1	41.5	(2)	55.4	66.0	73.6	72.7	58.5	8.2
1978	66.0	(2)	(2)	90.6	93.2	91.6	72.8	13.6	42.9	(2)	60.9	69.9	75.3	74.3	59.6	8.5
1979	66.7	(2)	(2)	90.9	93.4	93.0	73.7	13.4	43.2	(2)	60.0	70.4	76.4	75.6	60.2	8.3
1980	67.4	(2)	(2)	92.6	94.1	91.9	73.3	13.7	43.7	(2)	51.3	68.4	76.5	77.1	60.2	8.2
1981	67.7	(2)	(2)	91.9	93.3	91.7	73.0	13.0	44.6	(2)	54.8	69.9	76.8	78.6	60.1	8.2
1982	68.0	(2)	(2)	93.3	92.7	92.4	72.7	12.8	44.8	(2)	55.6	67.7	76.9	78.8	60.5	7.9
1983	68.5	(2)	(2)	92.4	92.7	92.1	73.3	12.7	44.4	(2)	55.1	67.1	76.2	79.5	60.0	7.8

[1] Data for 1966 forward relate to persons 16 years and over; 14 years and over for prior years.

[2] For years prior to 1967, data not shown where base is less than 50,000; for 1967 forward, data not shown where base is less than 35,000.

[3] Refers to widowed, divorced and married, spouse absent.

Table 7. Full- and part-time status of the civilian labor force by sex and age, 1963-83

(Numbers in thousands)

Year, sex, and age	Full time				Part time			
	Civilian labor force	Employed	Unemployed, looking for full-time work	Unemployment rate	Civilian labor force	Employed (voluntary part time)	Unemployed, looking for full-time work	Unemployment rate
TOTAL								
1963	64,012	60,507	3,505	5.5	7,822	7,254	568	7.3
1964	64,823	61,645	3,178	4.9	8,257	7,661	596	7.2
1965	65,929	63,138	2,791	4.2	8,527	7,952	575	6.7
1966	66,685	64,370	2,315	3.5	9,067	8,507	560	6.2
1967	67,466	65,173	2,293	3.4	9,882	9,199	683	6.9
1968	68,332	66,194	2,138	3.1	10,405	9,726	679	6.5
1969	69,700	67,558	2,142	3.1	11,032	10,343	689	6.2
1970	71,069	67,863	3,206	4.5	11,703	10,814	889	7.6
1971	72,314	68,346	3,968	5.5	12,067	11,020	1,047	8.7
1972[1]	74,475	70,671	3,806	5.1	12,574	11,497	1,077	8.6
1973[1]	76,492	73,148	3,344	4.4	12,940	11,917	1,023	7.9
1974	78,630	74,620	4,010	5.1	13,320	12,173	1,147	8.6
1975	80,117	73,595	6,523	8.1	13,659	12,251	1,408	10.3
1976	82,046	76,072	5,974	7.3	14,111	12,680	1,432	10.1
1977	84,361	78,812	5,548	6.6	14,647	13,204	1,443	9.9
1978[1]	87,137	82,298	4,838	5.6	15,114	13,750	1,364	9.0
1979	89,543	84,756	4,787	5.3	15,418	14,068	1,351	8.8
1980	91,295	85,027	6,269	6.9	15,644	14,275	1,369	8.8
1981	92,921	86,126	6,795	7.3	15,749	14,271	1,477	9.4
1982	94,293	85,287	9,006	9.6	15,912	14,239	1,672	10.5
1983	95,736	86,661	9,075	9.5	15,814	14,172	1,642	10.4
Men, 20 years and over								
1963	42,608	40,748	1,860	4.4	1,615	1,503	112	6.9
1964	42,925	41,316	1,609	3.7	1,679	1,570	109	6.5
1965	43,243	41,892	1,351	3.1	1,615	1,530	85	5.3
1966	43,146	42,106	1,040	2.4	1,641	1,561	80	4.9
1967	43,514	42,543	971	2.2	1,840	1,751	89	4.8
1968	43,893	42,997	896	2.0	1,959	1,863	96	4.9
1969	44,248	43,386	862	1.9	2,103	2,002	101	4.8
1970	44,962	43,460	1,502	3.3	2,259	2,122	137	6.1
1971	45,665	43,733	1,932	4.2	2,344	2,179	165	7.0
1972[1]	46,633	44,860	1,777	3.8	2,441	2,270	171	7.0
1973[1]	47,474	46,000	1,474	3.1	2,460	2,310	150	6.1
1974	48,370	46,584	1,786	3.7	2,509	2,337	172	6.8
1975	48,895	45,640	3,255	6.7	2,601	2,378	223	8.6
1976	49,676	46,804	2,870	5.8	2,614	2,386	228	8.7
1977	50,587	48,016	2,571	5.1	2,761	2,538	223	8.1
1978[1]	51,693	49,557	2,136	4.1	2,779	2,586	192	6.9
1979	52,839	50,708	2,129	4.0	2,778	2,599	179	6.4
1980	53,571	50,405	3,167	5.9	2,883	2,697	186	6.5
1981	54,312	50,918	3,394	6.2	2,885	2,665	220	7.6
1982	54,953	50,124	4,829	8.8	3,028	2,767	260	8.6
1983	55,636	50,653	4,982	9.0	3,108	2,834	274	8.8
Women, 20 years and over								
1963	18,142	17,111	1,031	5.7	4,331	4,145	186	4.3
1964	18,638	17,643	995	5.3	4,461	4,261	200	4.5
1965	19,137	18,260	877	4.6	4,551	4,372	179	3.9
1966	19,648	18,908	740	3.8	4,778	4,599	179	3.7
1967	20,293	19,453	840	4.1	5,182	4,944	238	4.6
1968	20,778	20,013	765	3.7	5,488	5,268	220	4.0
1969	21,674	20,873	801	3.7	5,738	5,524	214	3.7
1970	22,226	21,149	1,077	4.8	6,074	5,803	271	4.5
1971	22,690	21,370	1,320	5.8	6,214	5,876	338	5.4
1972[1]	23,479	22,168	1,294	5.5	6,442	6,110	332	5.2
1973[1]	24,285	23,101	1,184	4.9	6,707	6,383	324	4.8
1974	25,278	23,873	1,405	5.6	6,923	6,551	372	5.4

See footnotes at end of table.

Table 7. Full- and part-time status of the civilian labor force by sex and age, 1963-83—Continued

(Numbers in thousands)

Year, sex, and age	Full time				Part time			
	Civilian labor force	Employed	Unemployed, looking for full-time work	Unemployment rate	Civilian labor force	Employed (voluntary part time)	Unemployed, looking for full-time work	Unemployment rate
Women, 20 years and over—Continued								
1975	26,359	24,148	2,210	8.4	7,052	6,578	474	6.7
1976	27,446	25,342	2,104	7.7	7,368	6,884	485	6.6
1977	28,659	26,614	2,045	7.1	7,651	7,162	491	6.4
1978[1]	30,181	28,350	1,830	6.1	7,946	7,485	462	5.8
1979	31,484	29,688	1,796	5.7	8,225	7,746	479	5.8
1980	32,722	30,588	2,135	6.5	8,383	7,904	480	5.7
1981	33,875	31,481	2,394	7.1	8,610	8,108	502	5.8
1982	34,921	31,897	3,024	8.7	8,777	8,189	588	6.7
1983	35,854	32,812	3,042	8.5	8,782	8,192	589	6.7
Both sexes, 16 to 19 years								
1963	3,262	2,648	614	18.8	1,876	1,606	270	14.4
1964	3,260	2,686	574	17.6	2,117	1,830	287	13.6
1965	3,549	2,986	563	15.9	2,361	2,050	311	13.2
1966	3,891	3,356	535	13.7	2,648	2,347	301	11.4
1967	3,659	3,177	482	13.2	2,860	2,504	356	12.4
1968	3,661	3,184	477	13.0	2,958	2,595	363	12.3
1969	3,778	3,299	479	12.7	3,191	2,817	374	11.7
1970	3,881	3,254	626	16.1	3,370	2,889	480	14.3
1971	3,959	3,243	716	18.1	3,509	2,965	544	15.5
1972[1]	4,363	3,628	735	16.8	3,691	3,117	574	15.5
1973[1]	4,733	4,047	686	14.5	3,774	3,225	549	14.5
1974	4,982	4,163	819	16.4	3,888	3,285	603	15.5
1975	4,864	3,807	1,057	21.7	4,005	3,295	709	17.7
1976	4,925	3,926	999	20.3	4,130	3,410	720	17.4
1977	5,115	4,183	933	18.2	4,236	3,506	730	17.2
1978[1]	5,264	4,392	873	16.6	4,388	3,678	709	16.2
1979	5,222	4,359	862	16.5	4,416	3,724	692	15.7
1980	5,001	4,035	966	19.3	4,377	3,676	701	16.0
1981	4,734	3,727	1,007	21.3	4,254	3,498	755	17.8
1982	4,419	3,266	1,153	26.1	4,107	3,283	824	20.1
1983	4,247	3,196	1,051	24.7	3,924	3,146	778	19.8

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[1] Not strictly comparable with data for prior years. For a further explanation, see the Technical Note on the Current Population Survey.

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

Table 8. Employment status of the black and Hispanic-origin civilian noninstitutional population by sex and age, 1978-83

(Numbers in thousands)

Employment status, sex, and age	Black						Hispanic origin					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
TOTAL												
Civilian noninstitutional population	16,970	17,397	17,824	18,219	18,584	18,925	7,912	8,207	8,901	9,310	9,400	9,632
Civilian labor force	10,432	10,678	10,865	11,086	11,331	11,647	4,979	5,219	5,700	5,972	5,983	6,142
Percent of population	61.5	61.4	61.0	60.8	61.0	61.5	62.9	63.6	64.0	64.1	63.6	63.8
Employed	9,102	9,359	9,313	9,355	9,189	9,375	4,527	4,785	5,126	5,348	5,158	5,303
Agriculture	249	247	208	184	188	193	229	230	246	251	253	276
Nonagricultural industries	8,852	9,112	9,106	9,171	9,001	9,182	4,298	4,556	4,881	5,097	4,905	5,027
Unemployed	1,330	1,319	1,553	1,731	2,142	2,272	452	434	575	624	825	839
Unemployment rate	12.8	12.3	14.3	15.6	18.9	19.5	9.1	8.3	10.1	10.4	13.8	13.7
Not in labor force	6,539	6,718	6,959	7,134	7,254	7,278	2,933	2,989	3,200	3,338	3,417	3,491
Men, 16 years and over												
Civilian noninstitutional population	7,577	7,761	7,944	8,117	8,283	8,447	3,750	3,917	4,280	4,511	4,499	4,548
Civilian labor force	5,435	5,559	5,612	5,685	5,804	5,966	3,041	3,184	3,494	3,644	3,601	3,675
Percent of population	71.5	71.3	70.3	70.0	70.1	70.6	81.1	81.3	81.6	80.8	80.0	80.8
Employed	4,796	4,923	4,798	4,794	4,637	4,753	2,808	2,962	3,155	3,273	3,111	3,178
Agriculture	220	209	179	162	163	165	192	197	206	209	214	235
Nonagricultural industries	4,576	4,714	4,620	4,632	4,474	4,587	2,616	2,764	2,948	3,063	2,897	2,944
Unemployed	641	636	815	891	1,167	1,213	234	223	339	371	490	497
Unemployment rate	11.8	11.4	14.5	15.7	20.1	20.3	7.7	7.0	9.7	10.2	13.6	13.5
Not in labor force	2,143	2,201	2,333	2,433	2,481	2,482	712	733	786	867	897	873
Men, 20 years and over												
Civilian noninstitutional population	6,484	6,661	6,834	7,007	7,186	7,360	3,228	3,362	3,671	3,914	3,894	3,978
Civilian labor force	4,943	5,079	5,134	5,223	5,368	5,533	2,742	2,869	3,127	3,321	3,297	3,372
Percent of population	76.2	76.3	75.1	74.5	74.7	75.2	84.9	85.3	85.2	84.8	84.7	84.8
Employed	4,483	4,606	4,498	4,520	4,414	4,531	2,568	2,701	2,868	3,028	2,901	2,962
Agriculture	200	191	162	148	150	152	173	177	184	189	195	212
Nonagricultural industries	4,282	4,416	4,336	4,372	4,264	4,379	2,394	2,524	2,684	2,840	2,706	2,749
Unemployed	462	473	636	703	954	1,002	175	168	258	293	395	411
Unemployment rate	9.3	9.3	12.4	13.5	17.8	18.1	6.4	5.8	8.3	8.8	12.0	12.2
Not in labor force	1,540	1,581	1,701	1,785	1,819	1,828	486	493	544	593	597	606
Women, 16 years and over												
Civilian noninstitutional population	9,394	9,636	9,880	10,102	10,300	10,477	4,159	4,291	4,622	4,798	4,901	5,084
Civilian labor force	4,997	5,119	5,253	5,401	5,527	5,681	1,938	2,035	2,208	2,328	2,382	2,466
Percent of population	53.1	53.1	53.1	53.5	53.7	54.2	46.6	47.4	47.8	48.5	48.6	48.5
Employed	4,307	4,436	4,515	4,561	4,552	4,622	1,719	1,824	1,972	2,076	2,047	2,124
Agriculture	31	38	29	22	25	28	37	33	40	42	39	41
Nonagricultural industries	4,276	4,398	4,486	4,539	4,527	4,595	1,682	1,791	1,932	2,034	2,008	2,083
Unemployed	690	683	738	840	975	1,059	219	211	236	252	335	342
Unemployment rate	13.8	13.3	14.0	15.6	17.6	18.6	11.3	10.3	10.7	10.8	14.1	13.8
Not in labor force	4,396	4,517	4,627	4,701	4,773	4,796	2,221	2,256	2,414	2,471	2,520	2,618
Women, 20 years and over												
Civilian noninstitutional population	8,217	8,460	8,700	8,924	9,146	9,340	3,608	3,751	4,038	4,220	4,325	4,505
Civilian labor force	4,558	4,687	4,841	5,001	5,140	5,306	1,704	1,800	1,973	2,106	2,157	2,249
Percent of population	55.5	55.4	55.6	56.0	56.2	56.8	47.2	48.0	48.9	49.9	49.9	49.9
Employed	4,047	4,174	4,267	4,329	4,347	4,428	1,537	1,638	1,792	1,906	1,886	1,968
Agriculture	29	35	26	19	21	25	32	29	32	35	33	38
Nonagricultural industries	4,019	4,138	4,241	4,310	4,326	4,403	1,504	1,610	1,760	1,871	1,853	1,930
Unemployed	510	513	574	671	793	878	168	160	181	200	271	281
Unemployment rate	11.2	10.9	11.9	13.4	15.4	16.5	9.8	8.9	9.2	9.5	12.6	12.5
Not in labor force	3,658	3,774	3,859	3,923	4,006	4,034	1,904	1,952	2,065	2,114	2,168	2,257
Both sexes, 16 to 19 years												
Civilian noninstitutional population	2,270	2,276	2,289	2,288	2,252	2,225	1,076	1,095	1,192	1,176	1,182	1,148
Civilian labor force	930	912	891	862	824	809	533	551	601	545	530	520
Percent of population	41.0	40.1	38.9	37.7	36.6	36.4	49.6	50.3	50.4	46.3	44.8	45.3
Employed	571	579	547	505	428	416	423	445	465	414	371	373
Agriculture	21	20	19	17	16	16	24	24	30	28	25	26
Nonagricultural industries	551	558	528	489	412	400	399	421	436	386	346	347
Unemployed	360	333	343	357	396	392	110	106	135	131	159	148
Unemployment rate	38.7	36.5	38.5	41.4	48.0	48.5	20.7	19.2	22.5	24.0	29.9	28.4
Not in labor force	1,340	1,364	1,400	1,426	1,429	1,416	543	545	591	631	652	628

Table 9. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age, 1976-83

(Numbers in thousands)

Employment status, sex, and age	Mexican origin							
	1976	1977	1978	1979	1980	1981	1982	1983
TOTAL								
Civilian noninstitutional population	3,917	4,227	4,661	4,934	5,327	5,642	5,679	5,788
Civilian labor force	2,464	2,706	3,049	3,259	3,537	3,757	3,745	3,800
Percent of population	62.9	64.0	65.4	66.0	66.4	66.6	65.9	65.7
Employed	2,190	24.4	2,778	2,990	3,174	3,364	3,222	3,242
Unemployed	274	273	271	269	364	393	522	558
Unemployment rate	11.1	10.1	8.9	8.2	10.3	10.5	13.9	14.7
Not in labor force	1,453	1,520	1,612	1,675	1,791	1,886	1,934	1,988
Men, 16 years and over								
Civilian noninstitutional population	1,895	2,062	2,308	2,447	2,675	2,835	2,814	2,827
Civilian labor force	1,552	1,710	1,919	2,058	2,253	2,381	2,321	2,331
Percent of population	81.9	82.9	83.1	84.1	84.2	84.0	82.5	82.5
Employed	1,400	1,565	1,783	1,924	2,038	2,144	1,999	1,992
Unemployed	152	145	136	135	216	238	322	339
Unemployment rate	9.8	8.5	7.1	6.6	9.6	10.0	13.9	14.6
Not in labor force	344	352	389	389	423	454	492	496
Men, 20 years and over								
Civilian noninstitutional population	1,621	1,765	1,986	2,095	2,290	2,457	2,422	2,461
Civilian labor force	1,389	1,525	1,727	1,844	1,995	2,141	2,103	2,121
Percent of population	85.7	86.4	86.9	88.0	87.1	87.1	86.8	86.2
Employed	1,277	1,415	1,627	1,743	1,832	1,957	1,847	1,840
Unemployed	113	110	101	101	164	184	256	281
Unemployment rate	8.2	7.2	5.8	5.5	8.2	8.6	12.2	13.2
Not in labor force	232	240	259	250	296	316	319	340
Women, 16 years and over								
Civilian noninstitutional population	2,021	2,164	2,352	2,486	2,652	2,807	2,865	2,961
Civilian labor force	911	996	1,129	1,200	1,284	1,375	1,423	1,468
Percent of population	45.1	46.0	48.0	48.3	48.4	49.0	49.7	49.6
Employed	790	869	994	1,066	1,136	1,220	1,223	1,250
Unemployed	122	127	135	133	148	155	200	218
Unemployment rate	13.3	12.8	11.9	11.1	11.5	11.3	14.1	14.9
Not in labor force	1,110	1,168	1,223	1,286	1,367	1,431	1,442	1,492
Women, 20 years and over								
Civilian noninstitutional population	1,726	1,845	2,010	2,143	2,291	2,441	2,498	2,607
Civilian labor force	784	862	975	1,035	1,126	1,223	1,267	1,323
Percent of population	45.4	46.7	48.5	48.3	49.1	50.1	50.7	50.7
Employed	691	770	871	933	1,017	1,102	1,109	1,148
Unemployed	92	93	103	103	108	120	158	175
Unemployment rate	11.7	10.7	10.6	9.9	9.6	9.8	12.5	13.2
Not in labor force	942	983	1,035	1,108	1,166	1,218	1,231	1,283
Both sexes, 16 to 19 years								
Civilian noninstitutional population	571	617	665	697	745	744	759	721
Civilian labor force	290	318	346	379	417	393	374	355
Percent of population	50.8	51.6	52.1	54.3	55.9	52.8	49.3	49.2
Employed	221	248	279	314	325	304	266	254
Unemployed	70	70	67	65	92	89	108	101
Unemployment rate	24.1	22.0	19.5	17.1	22.1	22.6	28.8	28.5
Not in labor force	280	298	318	318	330	351	385	365

See footnote at end of table.

Table 9. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age, 1976-83—Continued

(Numbers in thousands)

Employment status, sex, and age	Puerto Rican origin							
	1976	1977	1978	1979	1980	1981	1982	1983
TOTAL								
Civilian noninstitutional population	1,047	1,038	1,089	1,070	1,142	1,165	1,215	1,239
Civilian labor force	519	506	553	547	589	583	622	610
Percent of population	49.6	48.8	50.8	51.1	51.6	50.0	51.2	49.2
Employed	438	4.37	480	485	509	504	513	512
Unemployed	81	69	73	62	80	79	110	97
Unemployment rate	15.6	13.6	13.2	11.3	13.6	13.6	17.6	15.9
Not in labor force	528	532	536	523	552	582	593	630
Men, 16 years and over								
Civilian noninstitutional population	469	452	467	461	488	514	539	518
Civilian labor force	338	337	350	339	365	357	382	372
Percent of population	72.0	74.6	75.0	73.5	74.8	69.5	70.9	71.8
Employed	284	290	306	300	317	306	315	309
Unemployed	54	47	44	39	48	51	66	63
Unemployment rate	15.9	13.9	12.5	11.5	13.1	14.2	17.3	17.0
Not in labor force	132	115	117	121	123	157	158	146
Men, 20 years and over								
Civilian noninstitutional population	385	378	393	384	410	431	451	440
Civilian labor force	308	310	318	307	330	333	352	346
Percent of population	80.0	82.0	80.9	79.9	80.5	77.3	78.0	78.6
Employed	265	273	284	277	296	293	299	297
Unemployed	43	37	33	30	35	40	54	49
Unemployment rate	14.0	11.9	10.4	9.8	10.6	12.0	15.3	14.2
Not in labor force	77	68	75	77	79	98	98	94
Women, 16 years and over								
Civilian noninstitutional population	578	586	623	610	655	652	676	722
Civilian labor force	183	169	203	208	225	226	241	238
Percent of population	31.6	28.8	32.6	34.1	34.3	34.7	35.7	33.0
Employed	154	146	174	185	193	198	197	204
Unemployed	29	23	30	24	33	29	43	34
Unemployment rate	15.9	13.6	14.8	11.5	14.7	12.6	18.0	14.4
Not in labor force	396	417	419	401	429	425	435	484
Women, 20 years and over								
Civilian noninstitutional population	513	503	537	525	557	563	590	633
Civilian labor force	165	149	175	186	207	208	217	218
Percent of population	32.1	29.6	32.6	35.4	37.2	36.9	36.8	34.4
Employed	145	131	153	168	181	186	183	191
Unemployed	20	18	22	17	26	21	34	27
Unemployment rate	12.2	12.1	12.6	9.1	12.6	10.2	15.8	12.4
Not in labor force	350	356	362	340	351	356	373	415
Both sexes, 16 to 19 years								
Civilian noninstitutional population	149	155	158	160	175	171	175	166
Civilian labor force	49	48	60	56	54	43	53	45
Percent of population	32.6	30.8	37.9	34.9	30.8	25.1	30.3	27.1
Employed	30	34	43	41	34	25	32	24
Unemployed	19	14	17	15	20	18	22	21
Unemployment rate	39.1	29.3	28.4	26.8	37.1	42.5	40.7	46.4
Not in labor force	10.1	108	99	106	122	128	121	121

See footnote at end of table.

Table 9. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age, 1976-83—Continued

(Numbers in thousands)

Employment status, sex, and age	Cuban origin							
	1976	1977	1978	1979	1980	1981	1982	1983
TOTAL								
Civilian noninstitutional population	600	594	612	640	669	750	749	765
Civilian labor force	382	380	404	421	441	483	474	523
Percent of population	63.7	64.0	66.0	65.8	66.0	64.4	63.3	68.4
Employed	339	345	374	387	405	439	421	461
Unemployed	43	34	29	35	37	44	53	62
Unemployment rate	11.4	8.9	7.2	8.2	8.4	9.0	11.2	11.9
Not in labor force	218	214	208	218	228	267	275	242
Men, 16 years and over								
Civilian noninstitutional population	270	267	277	302	318	369	352	354
Civilian labor force	216	218	221	239	255	282	266	286
Percent of population	79.9	81.7	79.9	79.1	80.0	76.4	75.6	80.8
Employed	190	202	207	224	233	257	238	253
Unemployed	27	17	16	16	23	26	29	33
Unemployment rate	12.6	8.0	7.1	6.6	9.0	9.1	10.8	11.6
Not in labor force	54	49	55	62	63	86	85	68
Men, 20 years and over								
Civilian noninstitutional population	240	243	246	266	281	328	319	319
Civilian labor force	197	202	201	219	235	264	250	262
Percent of population	82.2	83.0	81.8	82.5	83.4	80.5	78.4	82.1
Employed	173	189	192	208	217	243	227	234
Unemployed	24	13	11	12	19	22	24	28
Unemployment rate	12.3	6.6	5.3	5.4	8.1	8.2	9.4	10.7
Not in labor force	42	41	43	46	47	63	69	57
Women, 16 years and over								
Civilian noninstitutional population	331	325	334	336	349	381	397	411
Civilian labor force	166	161	181	181	186	201	207	237
Percent of population	50.2	49.5	54.3	53.7	53.1	52.8	52.1	57.7
Employed	149	144	168	163	174	183	183	208
Unemployed	17	17	14	18	12	18	24	29
Unemployment rate	10.0	10.4	7.6	9.9	6.4	9.0	11.7	12.1
Not in labor force	166	165	153	156	165	181	190	174
Women, 20 years and over								
Civilian noninstitutional population	303	298	306	307	315	345	366	378
Civilian labor force	153	151	170	167	176	186	193	221
Percent of population	50.5	50.6	55.5	54.4	53.8	53.9	52.7	58.5
Employed	139	137	159	155	160	172	172	194
Unemployed	16	14	11	13	11	15	21	27
Unemployment rate	10.2	9.1	6.4	7.7	6.5	8.0	10.9	12.2
Not in labor force	148	146	136	139	145	158	173	157
Both sexes, 16 to 19 years								
Civilian noninstitutional population	59	54	60	68	72	77	64	68
Civilian labor force	30	26	31	33	36	32	31	40
Percent of population	51.2	49.3	51.0	48.6	50.0	41.6	48.4	58.8
Employed	27	20	25	25	30	25	22	33
Unemployed	3	6	7	8	5	7	8	7
Unemployment rate	(1)	(1)	(1)	(1)	13.9	(1)	(1)	17.6
Not in labor force	27	26	29	34	35	45	33	28

[1] Data not shown where base is less than 35,000.

Table 10. Employment status of the civilian noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, race, and Hispanic origin, 1982-83

(Numbers in thousands)

Employment status, sex, age, and race	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
TOTAL												
Civilian noninstitutional population	117,544	118,922	48,178	48,891	69,366	70,031	54,727	55,294	4,192	4,355	50,535	50,939
Civilian labor force	76,465	77,394	30,276	30,682	46,189	46,712	33,740	34,156	2,725	2,797	31,015	31,359
Percent of population	65.1	65.1	62.8	62.8	66.6	66.7	61.7	61.8	65.0	64.2	61.4	61.6
Employed	69,192	70,137	26,923	27,292	42,269	42,845	30,335	30,696	2,603	2,678	27,732	28,018
Unemployed	7,273	7,257	3,352	3,390	3,921	3,867	3,405	3,460	122	118	3,283	3,342
Unemployment rate	9.5	9.4	11.1	11.0	8.5	8.3	10.1	10.1	4.2	4.2	10.6	10.7
Not in labor force	41,079	41,527	17,902	18,210	23,177	23,317	20,988	21,138	1,467	1,558	19,521	19,580
Men, 20 years and over												
Civilian noninstitutional population	50,175	50,969	20,227	20,557	29,948	30,412	23,469	23,903	1,923	1,995	21,546	21,908
Civilian labor force	40,025	40,540	15,620	15,820	24,405	24,720	17,955	18,203	1,588	1,632	16,367	16,571
Percent of population	79.8	79.5	77.2	77.0	81.5	81.3	76.5	76.2	82.6	81.8	76.0	75.6
Employed	36,551	36,977	13,982	14,133	22,569	22,844	16,340	16,510	1,532	1,580	14,808	14,930
Unemployed	3,473	3,563	1,638	1,687	1,835	1,876	1,615	1,693	57	52	1,558	1,641
Unemployment rate	8.7	8.8	10.5	10.7	7.5	7.6	9.0	9.3	3.6	3.2	9.5	9.9
Not in labor force	10,151	10,429	4,607	4,738	5,544	5,691	5,514	5,699	335	363	5,179	5,336
Women, 20 years and over												
Civilian noninstitutional population	56,724	57,665	23,858	24,311	32,866	33,354	26,140	26,404	1,837	1,929	24,303	24,475
Civilian labor force	30,662	31,343	12,638	12,937	18,024	18,406	13,037	13,293	882	930	12,155	12,363
Percent of population	54.1	54.4	53.0	53.2	54.8	55.2	49.9	50.3	48.0	48.2	50.0	50.5
Employed	28,200	28,882	11,499	11,769	16,701	17,113	11,886	12,122	846	889	11,040	11,233
Unemployed	2,461	2,461	1,138	1,168	1,323	1,293	1,151	1,171	36	40	1,115	1,131
Unemployment rate	8.0	7.9	9.0	9.0	7.3	7.0	8.8	8.8	4.1	4.3	9.2	9.1
Not in labor force	26,062	26,322	11,220	11,374	14,842	14,948	13,103	13,111	955	1,000	12,148	12,111
Both sexes, 16 to 19 years												
Civilian noninstitutional population	10,644	10,288	4,092	4,024	6,552	6,264	5,119	4,987	431	430	4,688	4,557
Civilian labor force	5,778	5,511	2,017	1,926	3,761	3,585	2,747	2,659	254	235	2,493	2,424
Percent of population	54.3	53.6	49.3	47.9	57.4	57.2	53.7	53.3	58.8	54.6	53.2	53.2
Employed	4,440	4,279	1,441	1,390	2,999	2,889	2,109	2,064	225	209	1,884	1,855
Unemployed	1,338	1,233	576	535	762	696	638	596	28	26	610	570
Unemployment rate	23.2	22.4	28.6	27.8	20.3	19.5	23.2	22.4	11.2	11.0	24.5	23.5
Not in labor force	4,866	4,776	2,076	2,099	2,790	2,677	2,371	2,327	178	195	2,193	2,132
White												
Civilian noninstitutional population	99,824	100,893	36,074	36,801	63,750	64,092	49,617	49,912	4,002	4,161	45,615	45,751
Civilian labor force	65,364	66,018	23,019	23,402	42,345	42,616	30,779	31,003	2,625	2,698	28,154	28,305
Percent of population	65.5	65.4	63.8	63.6	66.4	66.5	62.0	62.1	65.6	64.8	61.7	61.9
Employed	59,980	60,749	21,018	21,422	38,962	39,327	27,922	28,144	2,518	2,594	25,404	25,550
Unemployed	5,384	5,269	2,001	1,981	3,383	3,288	2,857	2,859	107	104	2,750	2,755
Unemployment rate	8.2	8.0	8.7	8.5	8.0	7.7	9.3	9.2	4.1	3.9	9.8	9.7
Not in labor force	34,460	34,875	13,054	13,398	21,406	21,477	18,838	18,909	1,377	1,463	17,461	17,446
Black												
Civilian noninstitutional population	14,305	14,467	10,360	10,314	3,945	4,153	4,280	4,458	142	144	4,138	4,314
Civilian labor force	8,879	9,048	6,148	6,166	2,731	2,882	2,452	2,599	72	72	2,380	2,527
Percent of population	62.1	62.5	59.3	59.8	69.2	69.4	57.3	58.3	50.7	50.2	57.5	58.6
Employed	7,206	7,269	4,913	4,858	2,293	2,411	1,983	2,106	61	62	1,922	2,044
Unemployed	1,673	1,779	1,234	1,308	439	471	469	493	11	11	458	482
Unemployment rate	18.8	19.7	20.1	21.2	16.1	16.3	19.1	19.0	15.5	14.6	19.2	19.1
Not in labor force	5,426	5,419	4,211	4,149	1,215	1,270	1,828	1,859	70	72	1,758	1,767
Hispanic origin												
Civilian noninstitutional population	8,017	8,250	4,723	4,850	3,294	3,400	1,383	1,382	62	49	1,321	1,333
Civilian labor force	5,115	5,262	2,938	2,968	2,177	2,294	868	879	39	34	829	845
Percent of population	63.8	63.8	62.2	61.2	66.1	67.5	62.8	63.6	62.0	69.6	62.8	63.4
Employed	4,415	4,574	2,518	2,579	1,897	1,995	743	728	31	30	712	698
Unemployed	701	688	420	389	281	299	124	151	7	4	117	147
Unemployment rate	13.7	13.1	14.3	13.1	12.9	13.0	14.3	17.2	18.8	(1)	14.1	17.4
Not in labor force	2,902	2,988	1,785	1,882	1,117	1,106	515	503	24	15	491	488

(1) Data not shown where base is less than 35,000.

NOTE: Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 11. Employment status of the civilian noninstitutional population in poverty and nonpoverty areas by race and Hispanic origin, 1982-83

(Numbers in thousands)

Employment status and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
TOTAL												
Civilian noninstitutional population	30,124	30,187	142,147	144,028	11,322	11,192	106,222	107,730	18,803	18,995	35,924	36,299
Civilian labor force	16,996	17,079	93,209	94,471	6,186	6,103	70,279	71,291	10,810	10,976	22,930	23,180
Percent of population	56.4	56.6	65.6	65.6	54.6	54.5	66.2	66.2	57.5	57.8	63.8	63.9
Employed	14,756	14,686	84,770	86,147	5,123	5,001	64,069	65,137	9,633	9,685	20,701	21,011
Unemployed	2,240	2,393	8,439	8,324	1,063	1,103	6,210	6,155	1,177	1,291	2,228	2,169
Unemployment rate	13.2	14.0	9.1	8.8	17.2	18.1	8.8	8.6	10.9	11.8	9.7	9.4
Men, 20 years and over	11.8	13.0	8.2	8.2	16.2	17.4	8.0	8.1	9.4	10.7	8.8	8.6
Women, 20 years and over	11.3	11.9	7.7	7.5	13.9	14.6	7.5	7.3	9.7	10.2	8.4	8.2
Both sexes, 16 to 19 years	31.6	32.4	21.6	20.5	41.0	41.7	21.6	20.6	26.5	27.2	21.7	20.2
Men	31.1	31.0	23.0	21.7	41.9	41.8	23.1	21.8	25.6	25.3	22.8	21.5
Women	32.2	34.1	20.1	19.2	39.9	41.5	20.0	19.3	27.7	29.7	20.5	18.8
Not in labor force	13,129	13,106	48,938	49,557	5,136	5,089	35,943	36,438	7,993	8,019	12,995	13,119
White												
Civilian noninstitutional population	21,202	21,227	128,239	129,578	5,749	5,756	94,075	95,137	15,453	15,471	34,164	34,441
Civilian labor force	12,274	12,265	83,869	84,756	3,275	3,221	62,089	62,797	8,999	9,044	21,780	21,959
Percent of population	57.9	57.8	65.4	65.4	57.0	56.0	66.0	66.0	58.2	58.5	63.8	63.8
Employed	11,041	10,950	76,861	77,943	2,866	2,807	57,114	57,942	8,175	8,143	19,747	20,001
Unemployed	1,233	1,315	7,008	6,813	409	414	4,975	4,854	824	901	2,033	1,958
Unemployment rate	10.0	10.7	8.4	8.0	12.5	12.9	8.0	7.7	9.2	10.0	9.3	8.9
Men, 20 years and over	9.0	10.2	7.6	7.6	11.8	12.4	7.3	7.3	8.0	9.4	8.5	8.3
Women, 20 years and over	8.4	8.8	7.1	6.7	10.0	10.3	6.8	6.4	7.9	8.2	8.0	7.6
Both sexes, 16 to 19 years	24.6	24.3	19.8	18.6	30.4	29.1	19.4	18.2	22.7	22.6	20.9	19.5
Men	24.5	23.7	21.3	19.6	31.4	30.6	21.0	19.2	22.4	21.4	22.0	20.7
Women	24.7	25.1	18.2	17.4	29.1	27.2	17.7	17.2	23.1	24.4	19.6	18.1
Not in labor force	8,928	8,962	44,370	44,822	2,473	2,534	31,986	32,340	6,454	6,427	12,384	12,482
Black												
Civilian noninstitutional population	8,285	8,267	10,299	10,658	5,279	5,152	9,026	9,315	3,006	3,115	1,274	1,343
Civilian labor force	4,364	4,438	6,967	7,209	2,742	2,719	6,137	6,329	1,622	1,719	829	880
Percent of population	52.7	53.7	67.6	67.6	51.9	52.8	68.0	67.9	54.0	55.2	65.1	65.5
Employed	3,414	3,434	5,775	5,941	2,110	2,053	5,096	5,216	1,304	1,381	679	725
Unemployed	950	1,004	1,192	1,268	631	666	1,042	1,113	319	338	150	155
Unemployment rate	21.8	22.6	17.1	17.6	23.0	24.5	17.0	17.6	19.6	19.6	18.1	17.6
Men, 20 years and over	20.5	21.3	16.1	16.1	22.8	24.6	16.2	16.3	16.8	16.4	15.0	14.8
Women, 20 years and over	17.9	18.7	13.9	15.2	18.0	19.1	13.6	14.9	17.7	18.2	16.6	17.6
Both sexes, 16 to 19 years	50.9	53.4	45.9	45.0	52.8	56.3	46.2	46.5	47.7	48.7	44.1	36.0
Men	50.4	51.5	47.7	46.9	53.2	55.7	47.6	48.3	45.6	44.9	47.9	38.2
Women	51.5	55.4	44.1	42.8	52.3	56.9	44.7	44.3	50.1	53.1	40.1	(1)
Not in labor force	3,921	3,829	3,333	3,449	2,537	2,433	2,888	2,986	1,383	1,396	444	463
Hispanic origin												
Civilian noninstitutional population	2,539	2,482	6,861	7,150	1,857	1,854	6,160	6,396	682	628	701	754
Civilian labor force	1,412	1,356	4,571	4,785	1,014	982	4,101	4,281	399	375	469	504
Percent of population	55.6	54.6	66.6	66.9	54.6	52.9	66.6	66.9	58.5	59.7	66.9	66.9
Employed	1,180	1,126	3,978	4,177	836	812	3,578	3,763	344	314	399	414
Unemployed	232	230	593	609	178	170	523	518	54	60	70	90
Unemployment rate	16.4	17.0	13.0	12.7	17.5	17.3	12.8	12.1	13.7	16.1	14.9	17.9
Men, 20 years and over	14.1	14.3	11.3	11.5	15.3	14.4	11.3	11.1	11.1	14.1	10.8	15.5
Women, 20 years and over	14.6	15.5	12.1	11.8	15.5	15.2	11.5	10.9	11.8	16.1	17.8	19.6
Both sexes, 16 to 19 years	34.2	35.4	28.2	25.6	36.0	38.3	28.4	25.8	30.4	27.5	26.5	24.5
Men	33.8	34.6	30.1	26.0	34.5	37.7	30.7	26.2	32.5	(1)	25.5	(1)
Women	34.8	36.6	25.7	25.1	38.1	39.2	25.4	25.3	26.6	(1)	27.6	(1)
Not in labor force	1,127	1,126	2,291	2,365	843	873	2,059	2,115	283	253	232	249

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[1] Data not shown where base is less than 35,000.

NOTE: Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 12. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin, 1982-83

(Numbers in thousands)

Employment status and age	Total		White		Black		Hispanic origin	
	1982	1983	1982	1983	1982	1983	1982	1983
VETERANS								
25 to 39 years								
Civilian noninstitutional population	7,073	6,003	6,293	5,299	689	615	278	234
Civilian labor force	6,775	5,742	6,068	5,097	622	565	266	224
Percent of population	95.8	95.6	96.4	96.2	90.3	91.9	95.7	95.7
Employed	6,152	5,200	5,564	4,669	512	462	238	208
Unemployed	623	542	504	427	108	103	28	16
Unemployment rate	9.2	9.4	8.3	8.4	17.4	18.2	10.5	7.1
25 to 29 years								
Civilian noninstitutional population	1,200	725	1,018	603	167	107	46	34
Civilian labor force	1,116	679	960	572	143	95	45	32
Percent of population	93.0	93.7	94.3	94.9	85.6	88.8	97.8	(1)
Employed	945	573	830	495	104	71	40	29
Unemployed	171	106	130	76	38	24	5	3
Unemployment rate	15.3	15.6	13.5	13.3	26.6	25.3	11.1	(1)
30 to 34 years								
Civilian noninstitutional population	2,909	2,203	2,586	1,939	286	234	125	97
Civilian labor force	2,786	2,096	2,492	1,851	259	218	119	93
Percent of population	95.8	95.1	96.4	95.5	90.6	93.2	95.2	95.9
Employed	2,541	1,878	2,291	1,674	219	179	104	87
Unemployed	245	218	201	177	40	39	15	6
Unemployment rate	8.8	10.4	8.1	9.6	15.4	17.9	12.6	6.5
35 to 39 years								
Civilian noninstitutional population	2,964	3,075	2,689	2,757	236	274	107	103
Civilian labor force	2,873	2,967	2,616	2,674	220	252	102	99
Percent of population	96.9	96.5	97.3	97.0	93.2	92.0	95.3	96.1
Employed	2,666	2,749	2,443	2,500	189	212	94	92
Unemployed	207	218	173	174	30	40	8	7
Unemployment rate	7.2	7.3	6.6	6.5	13.6	15.9	7.8	7.1
NONVETERANS								
25 to 39 years								
Civilian noninstitutional population	18,287	19,922	15,757	17,193	1,885	2,030	1,390	1,472
Civilian labor force	17,333	18,798	15,086	16,401	1,683	1,795	1,303	1,384
Percent of population	94.8	94.4	95.7	95.4	89.3	88.4	93.7	94.0
Employed	15,751	17,088	13,876	15,072	1,368	1,471	1,149	1,224
Unemployed	1,582	1,710	1,210	1,327	316	324	154	160
Unemployment rate	9.1	9.1	8.0	8.1	18.8	18.1	11.8	11.6
25 to 29 years								
Civilian noninstitutional population	8,188	8,669	7,115	7,519	824	885	600	630
Civilian labor force	7,720	8,126	6,783	7,134	734	774	562	589
Percent of population	94.3	93.7	95.3	94.9	89.1	87.5	93.7	93.5
Employed	6,877	7,247	6,127	6,445	573	609	488	515
Unemployed	843	879	656	689	162	165	74	74
Unemployment rate	10.9	10.8	9.7	9.7	22.1	21.3	13.2	12.6
30 to 34 years								
Civilian noninstitutional population	5,999	6,755	5,151	5,804	614	698	450	485
Civilian labor force	5,719	6,404	4,954	5,560	551	622	427	459
Percent of population	95.3	94.8	96.2	95.8	89.7	89.1	94.9	94.6
Employed	5,260	5,898	4,609	5,173	456	523	378	409
Unemployed	459	506	345	386	95	99	49	50
Unemployment rate	8.0	7.9	7.0	6.9	17.2	15.9	11.5	10.9

See footnotes at end of table.

Table 12. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin, 1982-83—Continued

(Numbers in thousands)

Employment status and age	Total		White		Black		Hispanic origin	
	1982	1983	1982	1983	1982	1983	1982	1983
NONVETERANS—Continued								
35 to 39 years								
Civilian noninstitutional population	4,100	4,498	3,491	3,870	447	447	340	357
Civilian labor force	3,894	4,268	3,349	3,707	398	399	314	336
Percent of population	95.0	94.9	95.9	95.8	89.0	89.3	92.4	94.1
Employed	3,614	3,943	3,140	3,454	339	339	283	300
Unemployed	280	325	209	252	59	60	31	36
Unemployment rate	7.2	7.6	6.2	6.8	14.8	15.0	9.9	10.7

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[1] Data not shown where base is less than 35,000.

NOTE: Male Vietnam-era veterans are those who served in the Armed Forces between August 5, 1964, and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veterans population.

Although Public Law 96-466 (the Veterans Rehabilitation and Education Admendments of 1980), which became effective October 17, 1980, requires publication of labor market data for veterans who actually served in the Vietnam theater of operations, these data are not presently collected. Because of the widespread interest in statistics for all Vietnam-era veterans, the BLS is continuing publication of annual data for this group since these data are currently available. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races groups" are not presented and Hispanics are included in both the white and black population groups.

Table 13. Persons not in the labor force by sex, race, and age, 1948-83

(In thousands)

Sex, year, and race	16 years and over	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
MEN									
1948	6,710	1,019	460	854	441	202	348	678	2,710
1949	6,825	1,006	463	725	462	205	372	821	2,773
1950	6,906	996	463	639	437	242	356	871	2,904
1951	6,725	958	421	517	334	251	347	864	3,034
1952	6,832	1,020	437	451	270	220	330	849	3,255
1953[1]	7,117	1,052	452	428	282	196	308	823	3,576
1954	7,431	1,151	507	458	295	206	316	780	3,716
1955	7,634	1,155	499	488	263	209	326	840	3,856
1956	7,633	1,096	491	486	299	226	321	812	3,902
1957	8,118	1,157	510	540	318	235	347	887	4,125
1958	8,514	1,302	562	568	311	233	355	875	4,305
1959	8,907	1,475	581	548	280	251	394	915	4,463
1960[1]	9,274	1,515	663	556	262	263	427	973	4,615
1961	9,633	1,531	788	589	265	274	445	953	4,786
1962[1]	10,231	1,587	794	646	268	274	447	1,050	5,145
1963	10,792	1,842	748	727	290	289	439	1,066	5,391
1964	11,169	2,005	788	766	270	312	446	1,133	5,451
1965	11,527	1,956	965	807	280	306	467	1,227	5,518
1966	11,792	1,868	1,106	844	276	312	499	1,253	5,635
1967	11,919	1,871	1,034	934	290	303	517	1,281	5,692
1968	12,315	1,948	1,054	1,057	334	315	552	1,312	5,743
1969	12,677	1,972	1,087	1,097	369	334	592	1,406	5,821
1970	13,076	2,038	1,100	1,144	423	340	636	1,465	5,928
1971	13,762	2,099	1,162	1,278	497	374	678	1,557	6,118
1972[1]	14,280	2,127	1,103	1,296	562	391	755	1,741	6,305
1973[1]	14,667	2,078	1,086	1,246	587	408	787	1,963	6,513
1974	15,069	2,093	1,060	1,213	597	434	884	2,078	6,710
1975	15,993	2,186	1,142	1,385	708	476	896	2,262	6,937
1976	16,585	2,197	1,160	1,373	743	510	950	2,424	7,228
1977	16,797	2,135	1,107	1,369	756	489	986	2,516	7,440
1978[1]	16,956	2,068	1,092	1,366	783	506	962	2,607	7,572
1979	17,293	2,060	1,139	1,339	805	514	936	2,694	7,803
1980	17,945	2,095	1,167	1,416	863	564	955	2,800	7,186
1981	18,537	2,130	1,185	1,468	948	593	928	2,981	8,303
1982	19,073	2,135	1,274	1,531	994	630	942	3,041	8,526
1983	19,464	2,129	1,227	1,539	1,105	669	943	3,142	8,731

See footnote at end of table.

Table 13. Persons not in the labor force by sex, race, and age, 1948-83—Continued

(In thousands)

Sex, year, and race	16 years and over	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
WOMEN									
1948	35,737	1,466	1,071	3,285	7,912	6,500	5,511	4,879	5,114
1949	35,883	1,426	1,032	3,249	7,955	6,486	5,524	4,957	5,253
1950	35,881	1,422	1,048	3,136	7,958	6,486	5,442	4,966	5,423
1951	35,879	1,395	989	3,058	7,842	6,513	5,379	5,033	5,671
1952	36,261	1,408	996	3,100	7,870	6,535	5,426	5,060	5,867
1953[1]	36,924	1,462	1,022	3,050	8,084	6,627	5,434	4,982	6,262
1954	37,247	1,542	1,048	2,953	8,024	6,708	5,465	5,037	6,469
1955	37,026	1,574	1,044	2,884	7,930	6,740	5,326	4,959	6,569
1956	36,769	1,508	1,043	2,847	7,814	6,648	5,285	4,874	6,751
1957	37,218	1,587	1,083	2,879	7,705	6,705	5,311	4,987	6,961
1958	37,574	1,752	1,110	2,895	7,583	6,765	5,298	5,018	7,154
1959	38,053	1,891	1,180	3,014	7,488	6,831	5,291	4,993	7,365
1960[1]	38,343	1,963	1,205	3,014	7,354	6,905	5,323	5,051	7,528
1961	38,679	1,946	1,314	3,042	7,247	6,911	5,379	5,087	7,753
1962[1]	39,308	1,998	1,359	3,125	7,194	6,935	5,374	5,067	8,256
1963	39,791	2,289	1,355	3,265	7,062	6,872	5,368	5,067	8,514
1964	40,225	2,522	1,410	3,287	7,044	6,859	5,370	5,122	8,610
1965	40,531	2,494	1,605	3,376	6,906	6,685	5,505	5,151	8,808
1966	40,496	2,382	1,680	3,387	6,811	6,530	5,496	5,181	9,029
1967	40,608	2,399	1,659	3,478	6,716	6,309	5,568	5,238	9,243
1968	40,976	2,436	1,642	3,529	6,871	6,131	5,585	5,340	9,442
1969	40,924	2,442	1,626	3,512	6,942	5,918	5,485	5,389	9,611
1970	41,239	2,472	1,660	3,582	6,977	5,711	5,476	5,502	9,859
1971	42,072	2,559	1,735	3,736	7,127	5,596	5,542	5,637	10,139
1972[1]	42,811	2,530	1,691	3,717	7,220	5,570	5,617	5,856	10,604
1973[1]	43,000	2,484	1,689	3,601	7,212	5,387	5,663	6,063	10,903
1974	43,101	2,470	1,690	3,467	7,188	5,266	5,565	6,156	11,300
1975	43,386	2,495	1,726	3,461	7,138	5,147	5,555	6,235	11,631
1976	43,406	2,478	1,723	3,454	7,006	4,970	5,478	6,339	11,960
1977	43,227	2,429	1,667	3,387	6,860	4,865	5,332	6,464	12,222
1978[1]	42,703	2,289	1,595	3,272	6,605	4,772	5,124	6,524	12,523
1979	42,608	2,251	1,569	3,246	6,519	4,662	4,918	6,586	12,859
1980	42,861	2,302	1,601	3,297	6,468	4,551	4,697	6,736	13,210
1981	42,922	2,291	1,619	3,254	6,437	4,488	4,524	6,806	13,504
1982	42,993	2,243	1,585	3,232	6,312	4,550	4,433	6,807	13,831
1983	43,181	2,183	1,565	3,208	6,209	4,652	4,373	6,870	14,121

See footnote at end of table.

Table 13. Persons not in the labor force by sex, race, and age, 1948-83—Continued

(In thousands)

Sex, year, and race	16 years and over	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
WHITE									
Men									
1954	6,702	1,007	459	418	253	172	258	687	3,449
1955	6,881	1,011	442	439	216	170	276	745	3,581
1956	6,870	952	435	430	257	186	271	719	3,621
1957	7,301	1,008	442	485	274	198	289	783	3,822
1958	7,667	1,139	491	505	270	196	300	774	3,990
1959	8,013	1,293	508	495	238	205	328	806	4,140
1960[1]	8,325	1,336	580	495	220	212	353	860	4,266
1961	8,624	1,340	701	523	218	217	372	831	4,422
1962[1]	9,124	1,385	703	580	234	210	371	922	4,719
1963	9,629	1,609	656	655	234	230	353	941	4,952
1964	9,976	1,746	688	696	223	246	363	992	5,021
1965	10,283	1,691	852	738	234	240	387	1,073	5,070
1966	10,491	1,600	967	774	225	243	404	1,112	5,164
1967	10,566	1,594	886	842	238	229	429	1,126	5,224
1968	10,881	1,649	903	944	275	240	450	1,158	5,262
1969	11,164	1,663	929	974	300	251	483	1,238	5,325
1970	11,482	1,700	929	1,000	342	263	512	1,305	5,432
1971	11,997	1,731	969	1,098	397	283	538	1,384	5,596
1972[1]	12,356	1,746	903	1,104	456	290	605	1,527	5,727
1973[1]	12,660	1,681	883	1,039	453	301	654	1,725	5,923
1974	12,949	1,682	857	1,005	464	318	708	1,824	6,090
1975	13,658	1,738	903	1,124	552	348	718	1,988	6,288
1976	14,099	1,740	896	1,097	563	385	754	2,119	6,545
1977	14,269	1,676	852	1,079	564	371	781	2,216	6,731
1978[1]	14,446	1,617	841	1,061	590	377	778	2,318	6,863
1979	14,690	1,594	876	1,048	593	380	762	2,378	7,059
1980	15,162	1,627	890	1,102	635	407	759	2,442	7,299
1981	15,585	1,650	891	1,124	665	431	724	2,609	7,491
1982	16,078	1,647	976	1,182	711	467	736	2,669	7,689
1983	16,441	1,647	929	1,191	792	496	759	2,761	7,865
Women									
1954	34,186	1,332	881	2,622	7,338	6,202	5,051	4,715	6,044
1955	33,917	1,353	890	2,534	7,260	6,211	4,912	4,615	6,142
1956	33,679	1,299	889	2,484	7,154	6,126	4,866	4,542	6,319
1957	34,077	1,363	920	2,523	7,023	6,199	4,893	4,642	6,515
1958	34,432	1,517	938	2,543	6,909	6,281	4,897	4,653	6,691
1959	34,837	1,639	992	2,659	6,807	6,333	4,881	4,642	6,886
1960[1]	35,044	1,702	1,030	2,645	6,656	6,387	4,903	4,688	7,030
1961	35,326	1,678	1,132	2,654	6,568	6,395	4,956	4,700	7,242
1962[1]	35,841	1,724	1,178	2,740	6,522	6,388	4,950	4,672	7,666
1963	36,246	1,990	1,166	2,877	6,404	6,309	4,940	4,673	7,887
1964	36,637	2,180	1,221	2,921	6,379	6,277	4,953	4,727	7,979
1965	36,865	2,137	1,374	3,008	6,258	6,119	5,056	4,751	8,163
1966	36,801	2,026	1,442	2,997	6,172	5,976	5,049	4,774	8,365
1967	36,835	2,026	1,428	3,070	6,104	5,752	5,094	4,803	8,558
1968	37,089	2,057	1,393	3,132	6,230	5,551	5,104	4,892	8,730
1969	36,970	2,057	1,362	3,089	6,301	5,341	5,006	4,935	8,878
1970	37,138	2,067	1,386	3,120	6,308	5,140	4,979	5,031	9,107
1971	37,798	2,124	1,432	3,221	6,453	5,037	5,024	5,149	9,357
1972[1]	38,275	2,069	1,392	3,187	6,517	4,984	5,062	5,321	9,742
1973[1]	38,289	2,022	1,371	3,043	6,467	4,790	5,081	5,518	9,995
1974	38,186	1,991	1,355	2,895	6,385	4,666	4,976	5,579	10,339
1975	38,301	2,020	1,381	2,836	6,296	4,540	4,955	5,643	10,630
1976	38,239	1,976	1,356	2,826	6,203	4,354	4,875	5,729	10,920
1977	37,969	1,912	1,303	2,758	6,042	4,256	4,741	5,828	11,129
1978[1]	37,533	1,800	1,248	2,669	5,798	4,201	4,539	5,879	11,397
1979	37,279	1,767	1,208	2,602	5,676	4,076	4,331	5,925	11,691
1980	37,361	1,799	1,227	2,614	5,590	3,956	4,122	6,062	11,991
1981	37,272	1,780	1,234	2,559	5,494	3,902	3,949	6,111	12,243
1982	37,220	1,735	1,199	2,531	5,338	3,952	3,863	6,090	12,513
1983	37,342	1,677	1,183	2,484	5,257	4,043	3,792	6,133	12,772

See footnote at end of table.

Table 13. Persons not in the labor force by sex, race, and age, 1948-83—Continued

(In thousands)

Sex, year, and race	16 years and over	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
BLACK									
Men									
1972	1,722	345	181	160	93	91	139	198	514
1973[1]	1,780	364	182	160	110	92	120	219	531
1974	1,855	365	180	158	102	102	159	234	555
1975	2,044	397	207	212	124	112	164	249	580
1976	2,164	411	233	216	138	108	175	270	607
1977	2,168	408	217	224	148	99	180	271	620
1978[1]	2,143	393	208	237	153	106	166	254	623
1979	2,201	402	218	223	161	110	154	285	648
1980	2,333	402	228	236	169	130	169	316	684
1981	2,433	408	240	248	212	131	174	320	701
1982	2,480	419	242	260	214	130	179	323	712
1983	2,482	409	245	258	228	137	155	321	729
Women									
1972	4,098	423	279	474	609	502	504	494	809
1973[1]	4,162	423	292	483	605	500	524	496	839
1974	4,308	439	299	487	644	503	527	528	881
1975	4,444	437	315	539	668	507	527	539	917
1976	4,471	449	333	543	626	502	526	541	951
1977	4,504	463	323	535	621	499	516	550	995
1978[1]	4,396	434	305	507	605	466	500	560	1,019
1979	4,517	425	318	540	643	465	502	571	1,052
1980	4,627	443	326	568	667	476	483	576	1,089
1981	4,701	445	333	566	713	463	478	584	1,120
1982	4,773	432	336	588	732	453	475	600	1,159
1983	4,796	435	327	605	704	456	475	611	1,183

[1] Not strictly comparable with data for prior years. For a further explanation, see the Technical Note on the Current Population Survey.

Table 14. Job desire of persons not in the labor force and reason for not seeking work by sex and race, 1971-83

(In thousands)

Job desire, reason for not seeking work, sex, and race	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
TOTAL													
Total not in labor force	55,834	57,091	57,667	58,171	59,377	59,991	60,025	59,659	59,900	60,806	61,460	62,067	62,665
Do not want a job now	51,407	52,597	53,154	53,656	54,102	54,756	54,238	54,212	54,472	55,131	55,623	55,508	56,161
Current activity:													
Going to school	6,397	6,345	6,178	6,077	6,393	6,507	6,344	6,303	6,144	6,350	6,430	6,427	6,583
Ill, disabled	4,086	4,333	4,595	4,830	4,834	4,767	4,610	4,601	4,610	4,460	4,271	4,034	3,915
Keeping house	32,280	32,525	32,351	32,213	31,666	31,159	30,689	30,039	29,581	29,278	28,780	28,409	28,356
Retired	6,187	6,742	7,238	7,474	7,970	8,736	9,130	9,552	10,143	10,963	11,821	12,326	13,019
Other activity	2,458	2,654	2,792	3,062	3,239	3,587	3,466	3,716	3,994	4,080	4,321	4,312	4,288
Want a job now	4,427	4,493	4,510	4,514	5,271	5,233	5,775	5,446	5,427	5,675	5,835	6,559	6,503
Reason not looking:													
School attandance	1,248	1,210	1,242	1,213	1,462	1,471	1,567	1,412	1,470	1,511	1,558	1,732	1,608
Ill health, disability	558	635	625	656	680	657	764	733	757	755	769	769	765
Home responsibilities	1,003	1,080	1,030	1,030	1,125	1,190	1,275	1,251	1,268	1,267	1,280	1,391	1,413
Think cannot get job	778	771	689	695	1,093	925	1,026	863	771	993	1,103	1,568	1,641
Job-market factors	539	544	496	471	863	653	705	583	515	664	808	1,181	1,248
Personal factors	236	227	188	226	230	271	320	281	257	329	296	386	394
Other reasons[1]	838	797	924	920	909	990	1,143	1,187	1,161	1,148	1,125	1,099	1,076
Men													
Total not in labor force	13,762	14,280	14,667	15,069	15,993	16,585	16,797	16,956	17,293	17,945	18,537	19,073	19,484
Do not want a job now	12,404	12,920	13,249	13,679	14,321	14,956	15,013	15,225	15,559	16,118	16,620	16,862	17,274
Current activity:													
Going to school	3,257	3,240	3,151	3,034	3,249	3,277	3,158	3,163	3,079	3,173	3,194	3,230	3,289
Ill, disabled	2,138	2,257	2,407	2,570	2,571	2,608	2,544	2,476	2,483	2,387	2,269	2,187	2,092
Keeping house	220	189	206	213	221	224	267	274	289	302	282	309	303
Retired	5,420	5,732	5,970	6,184	6,499	6,901	7,174	7,359	7,604	8,055	8,519	8,824	9,230
Other activity	1,366	1,499	1,514	1,677	1,780	1,945	1,870	1,954	2,103	2,201	2,356	2,312	2,360
Want a job now	1,355	1,358	1,413	1,389	1,671	1,630	1,783	1,731	1,732	1,827	1,916	2,212	2,210
Reason not looking:													
School attandance	639	617	656	626	751	739	788	716	743	757	780	923	857
Ill health, disability	256	271	276	275	302	284	327	331	338	331	360	325	338
Think cannot get job	239	241	226	230	364	326	323	311	286	359	399	587	650
Other reasons[1]	218	227	253	258	254	281	346	372	365	380	377	377	365
Women													
Total not in labor force	42,072	42,811	43,000	43,101	43,386	43,406	43,227	42,703	42,608	42,861	42,922	42,993	43,181
Do not want a job now	39,003	39,677	39,904	39,977	39,781	39,800	39,226	38,986	38,913	39,014	39,003	38,646	38,887
Current activity:													
Going to school	3,138	3,104	3,027	3,043	3,143	3,230	3,186	3,140	3,065	3,177	3,236	3,197	3,294
Ill, disabled	1,947	2,074	2,188	2,260	2,262	2,159	2,066	2,125	2,126	2,073	2,002	1,847	1,823
Keeping house	32,059	32,334	32,145	32,000	31,444	30,935	30,422	29,765	29,292	28,976	28,498	28,100	28,053
Retired	765	1,009	1,267	1,290	1,470	1,836	1,956	2,193	2,539	2,908	3,302	3,502	3,789
Other activity	1,092	1,153	1,277	1,384	1,459	1,641	1,596	1,763	1,891	1,879	1,965	2,000	1,928
Want a job now	3,069	3,135	3,096	3,125	3,599	3,603	3,992	3,715	3,695	3,847	3,919	4,347	4,293
Reason not looking:													
School attandance	607	592	585	587	713	731	779	696	727	754	778	809	751
Ill health, disability	301	363	348	382	378	373	437	401	419	424	409	444	427
Home responsibilities	1,003	1,080	1,030	1,030	1,125	1,190	1,275	1,251	1,268	1,267	1,280	1,391	1,413
Think cannot get job	538	528	461	465	729	599	703	552	485	634	704	981	991
Other reasons	618	570	671	662	655	710	798	815	796	768	748	722	711

See footnotes at end of table.

Table 14. Job desire of persons not in the labor force and reason for not seeking work by sex and race, 1971-83—Continued

(In thousands)

Job desire, reason for not seeking work, sex, and race	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
WHITE													
Total not in labor force	49,802	49,802	49,011	51,137	51,959	52,338	52,238	51,979	51,970	52,523	52,856	53,298	53,784
Do not want a job now	46,356	46,324	45,540	47,643	47,932	48,358	47,878	47,883	47,876	48,305	48,599	48,602	49,046
Current activity:													
Going to school	5,442	5,299	5,115	4,994	5,189	5,232	5,054	5,056	4,874	4,997	5,022	5,072	5,144
Ill, disabled	3,287	3,447	3,751	3,918	3,900	3,822	3,739	3,755	3,713	3,575	3,435	3,275	3,151
Keeping house	29,788	29,954	29,586	29,307	28,794	28,356	27,875	27,294	26,797	26,475	25,958	25,608	25,497
Retired	5,733	6,188	6,668	6,842	7,325	7,983	8,340	8,718	9,208	9,952	10,684	11,131	11,765
Other activity	2,097	2,286	2,355	2,579	2,718	2,964	2,871	3,059	3,284	3,305	3,500	3,516	3,489
Want a job now	3,446	3,478	3,471	3,494	4,027	3,981	4,359	4,094	4,091	4,218	4,258	4,697	4,737
Reason not looking:													
School attandance	975	955	955	931	1,116	1,095	1,153	1,026	1,062	1,087	1,087	1,219	1,161
Ill health, disability	405	453	450	487	492	461	572	527	533	537	542	532	562
Home responsibilities	770	822	819	815	886	924	981	960	977	991	955	1,025	1,039
Think cannot get job	590	579	502	527	781	689	723	597	551	673	751	1,042	1,125
Other reasons[1]	704	667	742	734	752	811	930	984	968	930	923	879	850
BLACK													
Total not in labor force	(2)	5,819	5,941	6,169	6,487	6,635	6,672	6,539	6,718	6,959	7,134	7,254	7,278
Do not want a job now	(2)	4,867	4,995	5,234	5,389	5,515	5,428	5,307	5,544	5,679	5,740	5,595	5,707
Current activity:													
Going to school	(2)	923	919	917	1,012	1,067	1,034	990	996	1,046	1,053	984	1,050
Ill, disabled	(2)	818	828	881	879	879	815	786	832	805	763	694	694
Keeping house	(2)	2,311	2,360	2,479	2,462	2,374	2,353	2,260	2,310	2,297	2,245	2,210	2,238
Retired	(2)	496	513	555	597	666	720	739	825	902	1,002	1,039	1,049
Other activity	(2)	318	374	402	440	529	506	533	583	630	677	668	676
Want a job now	(2)	952	947	926	1,099	1,121	1,245	1,232	1,175	1,282	1,393	1,659	1,571
Reason not looking:													
School attandance	(2)	233	256	254	303	318	373	346	366	350	394	434	393
Ill health, disability	(2)	155	169	154	167	173	186	209	199	204	212	222	187
Home responsibilities	(2)	249	226	216	232	235	252	258	258	274	290	329	332
Think cannot get job	(2)	191	170	174	282	244	253	254	197	275	323	482	470
Other reasons[1]	(2)	124	128	128	115	149	181	165	155	178	174	191	189

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[1] Includes a small number of men not looking for work because of "home responsibilities."

[2] Not available.

NOTE: Detail may not add to not-in-labor-force totals because of differences in the weighting patterns used in aggregating these data.

Table 15. Employed civilians by sex, race and age, 1948-83

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL											
1948	58,343	4,026	1,600	2,426	54,318	6,937	13,801	13,050	10,624	7,103	2,804
1949	57,651	3,712	1,46[illegible]	2,246	53,940	6,660	13,639	13,108	10,636	7,042	2,864
1950	58,918	3,703	1,433	2,270	55,218	6,746	13,917	13,424	10,966	7,265	2,899
1951	59,961	3,767	1,575	2,192	56,196	6,321	14,233	13,746	11,421	7,558	2,917
1952	60,250	3,719	1,626	2,092	56,536	5,572	14,515	14,058	11,687	7,785	2,919
1953[1]	61,179	3,720	1,577	2,142	57,460	5,225	14,519	14,774	11,969	7,806	3,166
1954	60,109	3,475	1,422	2,053	56,634	4,971	14,190	14,541	11,976	7,895	3,060
1955	62,170	3,642	1,500	2,143	58,528	5,270	14,481	14,879	12,556	8,158	3,185
1956	63,799	3,818	1,647	2,171	59,983	5,545	14,407	15,218	12,978	8,519	3,314
1957	64,071	3,778	1,613	2,167	60,291	5,641	14,253	15,348	13,320	8,553	3,179
1958	63,036	3,582	1,519	2,063	59,454	5,571	13,675	15,157	13,448	8,559	3,045
1959	64,630	3,838	1,670	2,168	60,791	5,870	13,709	15,454	13,915	8,822	3,023
1960[1]	65,778	4,129	1,770	2,360	61,648	6,119	13,630	15,598	14,238	8,989	3,073
1961	65,746	4,108	1,621	2,486	61,638	6,227	13,429	15,552	14,320	9,120	2,987
1962[1]	66,702	4,195	1,607	2,588	62,508	6,446	13,311	15,901	14,491	9,346	3,013
1963	67,762	4,255	1,751	2,504	63,508	6,815	13,318	16,114	14,749	9,596	2,915
1964	69,305	4,516	2,013	2,503	64,789	7,303	13,449	16,166	15,094	9,804	2,973
1965	71,088	5,036	2,075	2,962	66,052	7,702	13,704	16,294	15,320	10,028	3,005
1966	72,895	5,721	2,269	3,452	67,178	7,964	14,017	16,312	15,615	10,310	2,961
1967	74,372	5,682	2,334	3,348	68,690	8,499	14,575	16,281	15,789	10,536	3,011
1968	75,920	5,781	2,403	3,377	70,141	8,762	15,265	16,220	16,083	10,745	3,065
1969	77,902	6,117	2,573	3,543	71,785	9,319	15,883	16,100	16,410	10,919	3,155
1970	78,678	6,144	2,598	3,546	72,534	9,731	16,318	15,922	16,473	10,974	3,118
1971	79,367	6,208	2,596	3,613	73,158	10,201	16,781	15,675	16,451	11,009	3,040
1972[1]	82,153	6,746	2,787	3,959	75,407	10,999	18,082	15,822	16,457	11,044	3,003
1973[1]	85,064	7,271	3,032	4,239	77,793	11,839	19,509	16,041	16,553	10,966	2,886
1974	86,794	7,448	3,111	4,338	79,347	12,101	20,610	16,203	16,633	10,964	2,835
1975	85,846	7,104	2,941	4,162	78,744	11,885	21,087	15,953	16,190	10,827	2,801
1976	88,752	7,336	2,972	4,363	81,416	12,570	22,493	16,468	16,224	10,912	2,747
1977	92,017	7,688	3,138	4,550	84,329	13,196	23,850	17,157	16,212	11,126	2,787
1978[1]	96,048	8,070	3,330	4,739	87,979	13,887	25,281	18,128	16,338	11,400	2,946
1979	98,824	8,083	3,340	4,743	90,741	14,327	26,492	18,981	16,357	11,585	2,999
1980	99,303	7,710	3,106	4,605	91,593	14,087	27,204	19,523	16,234	11,586	2,960
1981	100,397	7,225	2,866	4,359	93,172	14,122	28,180	20,145	16,255	11,525	2,945
1982	99,526	6,549	2,505	4,044	92,978	13,690	28,149	20,879	15,923	11,414	2,923
1983	100,834	6,342	2,320	4,022	94,491	13,722	28,756	21,960	15,812	11,315	2,927
Men											
1948	41,725	2,344	996	1,348	39,382	4,349	10,038	9,363	7,742	5,587	2,303
1949	40,925	2,124	911	1,213	38,803	4,197	9,879	9,308	7,661	5,438	2,329
1950	41,578	2,186	909	1,277	39,394	4,255	10,060	9,445	7,790	5,508	2,336
1951	41,780	2,156	979	1,177	39,626	3,780	10,134	9,607	8,012	5,711	2,382
1952	41,682	2,107	985	1,121	39,578	3,183	10,352	9,753	8,144	5,804	2,343
1953[1]	42,430	2,136	976	1,159	40,296	2,901	10,500	10,229	8,374	5,808	2,483
1954	41,619	1,985	881	1,104	39,634	2,724	10,254	10,082	8,330	5,830	2,414
1955	42,621	2,095	936	1,159	40,526	2,973	10,453	10,267	8,553	5,857	2,424
1956	43,379	2,164	1,008	1,156	41,216	3,245	10,337	10,385	8,732	6,004	2,512
1957	43,357	2,115	987	1,130	41,239	3,346	10,222	10,427	8,851	6,002	2,394
1958	42,423	2,012	948	1,064	40,411	3,293	9,790	10,291	8,828	5,955	2,254
1959	43,466	2,198	1,015	1,183	41,267	3,597	9,862	10,492	9,048	6,058	2,210
1960[1]	43,904	2,361	1,090	1,271	41,543	3,754	9,759	10,552	9,182	6,105	2,191
1961	43,656	2,315	989	1,325	41,342	3,795	9,591	10,505	9,195	6,155	2,098
1962[1]	44,177	2,362	990	1,372	41,815	3,898	9,475	10,711	9,333	6,260	2,138
1963	44,657	2,406	1,073	1,334	42,251	4,118	9,431	10,801	9,478	6,385	2,038
1964	45,474	2,587	1,242	1,345	42,886	4,370	9,531	10,832	9,637	6,478	2,039
1965	46,340	2,918	1,285	1,634	43,422	4,583	9,611	10,837	9,792	6,542	2,057
1966	46,919	3,253	1,389	1,863	43,668	4,599	9,709	10,764	9,904	6,668	2,024
1967	47,479	3,186	1,417	1,769	44,294	4,809	9,988	10,674	9,990	6,774	2,058
1968	48,114	3,255	1,453	1,802	44,859	4,812	10,405	10,554	10,102	6,893	2,093
1969	48,818	3,430	1,526	1,904	45,388	5,012	10,736	10,401	10,187	6,931	2,122
1970	48,990	3,409	1,504	1,905	45,581	5,237	10,936	10,216	10,170	6,928	2,094
1971	49,390	3,478	1,510	1,968	45,912	5,593	11,218	10,028	10,139	6,916	2,019
1972[1]	50,896	3,765	1,598	2,167	47,130	6,138	11,884	10,088	10,139	6,929	1,953
1973[1]	52,349	4,039	1,721	2,318	48,310	6,655	12,617	10,126	10,197	6,857	1,856
1974	53,024	4,103	1,744	2,359	48,922	6,739	13,119	10,135	10,181	6,880	1,869

See footnote at end of table.

Table 15. Employed civilians by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men—Continued											
1975	51,857	3,839	1,621	2,219	48,018	6,484	13,205	9,891	9,902	6,722	1,811
1976	53,138	3,947	1,626	2,321	49,190	6,915	13,869	10,069	9,881	6,724	1,732
1977	54,728	4,174	1,733	2,441	50,555	7,232	14,483	10,399	9,832	6,848	1,761
1978[1]	56,479	4,336	1,800	2,535	52,143	7,559	15,124	10,845	9,806	6,954	1,855
1979	57,607	4,300	1,799	2,501	53,308	7,791	15,688	11,202	9,735	7,015	1,876
1980	57,186	4,085	1,672	2,412	53,101	7,532	15,832	11,355	9,548	6,999	1,835
1981	57,397	3,815	1,526	2,289	53,582	7,504	16,266	11,613	9,478	6,909	1,812
1982	56,271	3,379	1,307	2,072	52,891	7,197	16,002	11,902	9,234	6,781	1,776
1983	56,787	3,300	1,213	2,087	53,487	7,232	16,216	12,450	9,133	6,686	1,770
Women											
1948	16,617	1,682	604	1,078	14,936	2,588	3,763	3,687	2,882	1,516	501
1949	16,723	1,588	555	1,033	15,137	2,463	3,760	3,800	2,975	1,604	535
1950	17,340	1,517	524	993	15,824	2,491	3,857	3,979	3,176	1,757	563
1951	18,181	1,611	596	1,015	16,570	2,541	4,099	4,139	3,409	1,847	535
1952	18,568	1,612	641	971	16,958	2,389	4,163	4,305	3,543	1,981	576
1953[1]	18,749	1,584	601	983	17,164	2,324	4,019	4,545	3,595	1,998	683
1954	18,490	1,490	541	949	17,000	2,247	3,936	4,459	3,646	2,065	646
1955	19,551	1,547	564	984	18,002	2,297	4,028	4,612	4,003	2,301	761
1956	20,419	1,654	639	1,015	18,767	2,300	4,070	4,833	4,246	2,515	802
1957	20,714	1,663	626	1,037	19,052	2,295	4,031	4,921	4,469	2,551	785
1958	20,613	1,570	571	999	19,043	2,278	3,885	4,866	4,620	2,604	791
1959	21,164	1,640	655	985	19,524	2,273	3,847	4,962	4,867	2,764	813
1960[1]	21,874	1,768	680	1,089	20,105	2,365	3,871	5,046	5,056	2,884	882
1961	22,090	1,793	632	1,161	20,296	2,432	3,838	5,047	5,125	2,965	889
1962[1]	22,525	1,833	617	1,216	20,693	2,548	3,836	5,190	5,158	3,086	875
1963	23,105	1,849	678	1,170	21,257	2,697	3,887	5,313	5,271	3,211	877
1964	23,831	1,929	771	1,158	21,903	2,933	3,918	5,334	5,457	3,326	934
1965	24,748	2,118	790	1,328	22,630	3,119	4,093	5,457	5,528	3,486	948
1966	25,976	2,468	880	1,589	23,510	3,365	4,308	5,548	5,711	3,642	937
1967	26,893	2,496	917	1,579	24,397	3,690	4,587	5,607	5,799	3,762	953
1968	27,807	2,526	950	1,575	25,281	3,950	4,860	5,666	5,981	3,852	972
1969	29,084	2,687	1,047	1,639	26,397	4,307	5,147	5,699	6,223	3,988	1,033
1970	29,688	2,735	1,094	1,641	26,952	4,494	5,382	5,706	6,303	4,046	1,023
1971	29,976	2,730	1,086	1,645	27,246	4,609	5,563	5,647	6,313	4,093	1,021
1972[1]	31,257	2,980	1,188	1,792	28,276	4,861	6,197	5,734	6,318	4,115	1,051
1973[1]	32,715	3,231	1,310	1,920	29,484	5,184	6,893	5,915	6,356	4,109	1,029
1974	33,769	3,345	1,367	1,978	30,424	5,363	7,492	6,068	6,451	4,084	966
1975	33,989	3,263	1,320	1,943	30,726	5,401	7,882	6,061	6,288	4,105	989
1976	35,615	3,389	1,346	2,043	32,226	5,655	8,624	6,400	6,343	4,188	1,017
1977	37,289	3,514	1,403	2,110	33,775	5,965	9,367	6,758	6,380	4,279	1,027
1978[1]	39,569	3,734	1,530	2,204	35,836	6,328	10,157	7,282	6,532	4,446	1,091
1979	41,217	3,783	1,541	2,242	37,434	6,538	10,802	7,779	6,622	4,569	1,124
1980	42,117	3,625	1,433	2,192	38,492	6,555	11,370	8,168	6,686	4,587	1,125
1981	43,000	3,411	1,340	2,070	39,590	6,618	11,914	8,532	6,777	4,616	1,133
1982	43,256	3,170	1,198	1,972	40,086	6,492	12,147	8,977	6,689	4,634	1,147
1983	44,047	3,043	1,107	1,935	41,004	6,490	12,540	9,510	6,678	4,629	1,157
WHITE											
1954	53,957	3,078	1,257	1,822	50,879	4,358	12,616	13,000	10,811	7,262	2,831
1955	55,833	3,225	1,330	1,896	52,608	4,637	12,855	13,327	11,322	7,510	2,957
1956	57,269	3,389	1,465	1,922	53,880	4,897	12,748	13,637	11,706	7,822	3,068
1957	57,465	3,374	1,442	1,931	54,091	4,952	12,619	13,716	12,009	7,829	2,951
1958	56,613	3,216	1,370	1,847	53,397	4,908	12,128	13,571	12,113	7,849	2,828
1959	58,006	3,475	1,520	1,955	54,531	5,138	12,144	13,830	12,552	8,063	2,805
1960[1]	58,850	3,700	1,598	2,103	55,150	5,331	12,021	13,930	12,820	8,192	2,855
1961	58,913	3,693	1,472	2,220	55,220	5,460	11,835	13,905	12,906	8,335	2,778
1962[1]	59,698	3,774	1,447	2,327	55,924	5,676	11,703	14,173	13,066	8,511	2,795
1963	60,622	3,851	1,600	2,250	56,771	6,036	11,689	14,341	13,304	8,718	2,683
1964	61,922	4,076	1,846	2,230	57,846	6,444	11,794	14,380	13,596	8,916	2,717
1965	63,446	4,562	1,892	2,670	58,884	6,752	11,992	14,473	13,804	9,116	2,748
1966	65,021	5,176	2,052	3,124	59,845	6,986	12,268	14,449	14,072	9,356	2,713
1967	66,361	5,114	2,121	2,993	61,247	7,493	12,763	14,429	14,224	9,596	2,746
1968	67,750	5,195	2,193	3,002	62,555	7,687	13,410	14,386	14,487	9,781	2,804

See footnote at end of table.

Table 15. Employed civilians by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
WHITE—Continued											
1969	69,518	5,508	2,347	3,161	64,010	8,182	13,935	14,270	14,788	9,947	2,888
1970	70,217	5,571	2,386	3,185	64,645	8,559	14,326	14,092	14,854	9,979	2,835
1971	70,878	5,670	2,404	3,266	65,208	9,000	14,713	13,858	14,843	10,014	2,780
1972[1]	73,370	6,173	2,581	3,592	67,197	9,718	15,904	13,940	14,845	10,077	2,714
1973[1]	75,708	6,623	2,806	3,816	69,086	10,424	17,099	14,083	14,886	9,983	2,610
1974	77,184	6,796	2,881	3,916	70,388	10,676	18,040	14,196	14,948	9,958	2,568
1975	76,411	6,487	2,721	3,770	69,924	10,546	18,485	13,979	14,555	9,827	2,533
1976	78,853	6,724	2,762	3,962	72,129	11,119	19,662	14,407	14,549	9,923	2,470
1977	81,700	7,068	2,926	4,142	74,632	11,696	20,844	14,984	14,483	10,107	2,518
1978[1]	84,936	7,367	3,085	4,282	77,569	12,251	22,008	15,809	14,550	10,311	2,642
1979	87,259	7,356	3,079	4,278	79,904	12,594	23,033	16,578	14,522	10,477	2,699
1980	87,715	7,021	2,861	4,161	80,694	12,405	23,653	17,071	14,405	10,475	2,684
1981	88,709	6,588	2,645	3,943	82,121	12,477	24,551	17,617	14,414	10,386	2,676
1982	87,903	5,984	2,317	3,667	81,918	12,097	24,531	18,268	14,083	10,283	2,656
1983	88,893	5,799	2,156	3,643	83,094	12,138	24,955	19,194	13,961	10,169	2,678
Men											
1954	37,846	1,723	771	953	36,123	2,394	9,287	9,175	7,614	5,412	2,241
1955	38,719	1,824	821	1,004	36,895	2,607	9,461	9,351	7,792	5,431	2,254
1956	39,368	1,893	890	1,002	37,475	2,850	9,330	9,449	7,950	5,559	2,336
1957	39,349	1,865	874	990	37,484	2,930	9,226	9,480	8,067	5,542	2,234
1958	38,591	1,783	852	932	36,808	2,896	8,861	9,386	8,061	5,501	2,103
1959	39,494	1,961	915	1,046	37,533	3,153	8,911	9,560	8,261	5,588	2,060
1960[1]	39,755	2,092	973	1,119	37,663	3,264	8,777	9,589	8,372	5,618	2,043
1961	39,588	2,055	891	1,164	37,533	3,311	8,630	9,566	8,394	5,670	1,961
1962[1]	40,016	2,098	883	1,215	37,918	3,426	8,514	9,718	8,512	5,749	1,998
1963	40,428	2,156	972	1,184	38,272	3,646	8,463	9,782	8,650	5,844	1,887
1964	41,115	2,316	1,128	1,188	38,799	3,856	8,538	9,800	8,787	5,945	1,872
1965	41,844	2,612	1,159	1,453	39,232	4,025	8,598	9,795	8,924	5,998	1,892
1966	42,331	2,913	1,245	1,668	39,418	4,028	8,674	9,719	9,029	6,096	1,871
1967	42,833	2,849	1,278	1,571	39,985	4,231	8,931	9,632	9,093	6,208	1,892
1968	43,411	2,908	1,319	1,589	40,503	4,226	9,315	9,522	9,198	6,316	1,926
1969	44,048	3,070	1,385	1,685	40,978	4,401	9,608	9,379	9,279	6,359	1,953
1970	44,178	3,066	1,374	1,692	41,112	4,601	9,784	9,202	9,271	6,340	1,914
1971	44,595	3,157	1,393	1,764	41,438	4,935	10,026	9,026	9,256	6,339	1,856
1972[1]	45,944	3,416	1,470	1,947	42,528	5,431	10,664	9,047	9,236	6,363	1,786
1973[1]	47,085	3,660	1,590	2,071	43,424	5,863	11,268	9,046	9,257	6,299	1,689
1974	47,674	3,728	1,611	2,117	43,946	5,965	11,701	9,027	9,242	6,304	1,706
1975	46,697	3,505	1,502	2,002	43,192	5,770	11,783	8,818	9,005	6,160	1,656
1976	47,775	3,604	1,501	2,103	44,171	6,140	12,362	8,944	8,968	6,176	1,579
1977	49,150	3,824	1,607	2,217	45,326	6,437	12,893	9,212	8,898	6,279	1,605
1978[1]	50,544	3,950	1,664	2,286	46,594	6,717	13,413	9,608	8,840	6,339	1,677
1979	51,452	3,904	1,654	2,250	47,546	6,868	13,888	9,930	8,748	6,406	1,707
1980	51,127	3,708	1,534	2,174	47,419	6,652	14,009	10,077	8,586	6,412	1,684
1981	51,315	3,469	1,402	2,066	47,846	6,652	14,398	10,307	8,518	6,309	1,662
1982	50,287	3,079	1,214	1,865	47,209	6,372	14,164	10,593	8,267	6,188	1,624
1983	50,621	3,003	1,124	1,879	47,618	6,386	14,297	11,062	8,152	6,084	1,637
Women											
1954	16,111	1,355	486	869	14,756	1,964	3,329	3,825	3,197	1,850	590
1955	17,114	1,401	509	892	15,713	2,030	3,394	3,976	3,530	2,079	703
1956	17,901	1,496	575	920	16,405	2,047	3,418	4,188	3,756	2,263	732
1957	18,116	1,509	568	941	16,607	2,022	3,393	4,236	3,942	2,287	717
1958	18,022	1,433	518	915	16,589	2,012	3,267	4,185	4,052	2,348	725
1959	18,512	1,514	605	909	16,998	1,985	3,233	4,270	4,291	2,475	745
1960[1]	19,095	1,608	625	984	17,487	2,067	3,244	4,341	4,448	2,574	812
1961	19,325	1,638	581	1,056	17,687	2,149	3,205	4,339	4,512	2,665	817
1962[1]	19,682	1,676	564	1,112	18,006	2,250	3,189	4,455	4,554	2,762	797
1963	20,194	1,695	628	1,066	18,499	2,390	3,226	4,559	4,654	2,874	796
1964	20,807	1,760	718	1,042	19,047	2,588	3,256	4,580	4,809	2,971	845
1965	21,602	1,950	733	1,217	19,652	2,727	3,394	4,678	4,880	3,118	856
1966	22,690	2,263	807	1,456	20,427	2,958	3,594	4,730	5,043	3,260	842
1967	23,528	2,265	843	1,422	21,263	3,262	3,832	4,797	5,131	3,388	854
1968	24,339	2,287	874	1,413	22,052	3,461	4,095	4,864	5,289	3,465	878

See footnote at end of table.

Table 15. Employed civilians by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued											
1969	25,470	2,438	962	1,476	23,032	3,781	4,327	4,891	5,509	3,588	935
1970	26,039	2,505	1,012	1,493	23,534	3,959	4,542	4,890	5,582	3,640	921
1971	26,283	2,513	1,011	1,502	23,770	4,065	4,687	4,831	5,588	3,675	924
1972[1]	27,426	2,755	1,111	1,645	24,669	4,286	5,240	4,893	5,608	3,714	928
1973[1]	28,623	2,962	1,217	1,746	25,661	4,562	5,831	5,036	5,628	3,684	920
1974	29,511	3,069	1,269	1,799	26,442	4,711	6,340	5,169	5,706	3,654	862
1975	29,714	2,983	1,215	1,767	26,731	4,775	6,701	5,161	5,550	3,667	877
1976	31,078	3,120	1,260	1,860	27,958	4,978	7,300	5,462	5,580	3,746	891
1977	32,550	3,244	1,319	1,923	29,306	5,259	7,950	5,772	5,585	3,829	912
1978[1]	34,392	3,416	1,420	1,996	30,975	5,535	8,595	6,201	5,710	3,972	964
1979	35,807	3,451	1,423	2,027	32,357	5,726	9,145	6,648	5,773	4,071	993
1980	36,587	3,314	1,327	1,986	33,275	5,753	9,644	6,994	5,818	4,064	1,001
1981	37,394	3,119	1,242	1,877	34,275	5,826	10,153	7,311	5,896	4,077	1,013
1982	37,615	2,905	1,103	1,802	34,710	5,724	10,367	7,675	5,816	4,095	1,032
1983	38,272	2,796	1,032	1,764	35,476	5,751	10,659	8,132	5,809	4,084	1,041
BLACK											
1972[1]	7,802	509	180	329	7,292	1,166	1,924	1,629	1,434	872	269
1973[1]	8,128	570	194	378	7,559	1,258	2,062	1,659	1,460	872	249
1974	8,203	554	190	364	7,649	1,231	2,157	1,682	1,452	884	243
1975	7,894	507	183	325	7,386	1,115	2,145	1,617	1,393	874	241
1976	8,227	508	170	338	7,719	1,193	2,309	1,679	1,416	870	252
1977	8,540	508	169	339	8,031	1,244	2,443	1,754	1,448	892	251
1978[1]	9,102	571	191	380	8,531	1,359	2,641	1,848	1,479	932	273
1979	9,359	579	204	376	8,780	1,424	2,759	1,902	1,502	927	266
1980	9,313	547	192	356	8,765	1,376	2,827	1,910	1,487	925	239
1981	9,355	505	170	335	8,849	1,346	2,872	1,957	1,489	954	231
1982	9,189	428	138	290	8,761	1,283	2,830	2,025	1,469	928	225
1983	9,375	416	123	294	8,959	1,280	2,976	2,107	1,456	937	204
Men											
1972[1]	4,368	309	114	195	4,058	648	1,074	890	793	499	156
1973[1]	4,527	330	112	220	4,197	711	1,142	898	816	483	148
1974	4,527	322	114	209	4,204	668	1,176	912	803	500	145
1975	4,275	276	98	179	3,998	595	1,159	865	755	487	137
1976	4,404	283	100	184	4,120	635	1,217	897	763	472	137
1977	4,565	291	105	186	4,273	659	1,271	940	777	484	143
1978[1]	4,796	312	106	206	4,483	697	1,357	969	788	516	155
1979	4,923	316	111	205	4,606	754	1,425	983	801	498	147
1980	4,798	299	109	191	4,498	713	1,438	975	770	478	126
1981	4,794	273	95	178	4,520	693	1,457	991	764	492	123
1982	4,637	223	65	158	4,414	660	1,414	997	750	471	122
1983	4,753	222	64	158	4,531	684	1,483	1,034	749	477	105
Women											
1972[1]	3,433	200	65	134	3,233	519	850	739	641	373	113
1973[1]	3,601	239	81	158	3,362	546	920	761	644	389	101
1974	3,677	232	77	155	3,445	562	981	770	649	383	98
1975	3,618	231	85	146	3,388	520	985	752	638	387	104
1976	3,823	224	70	154	3,599	558	1,092	782	653	398	115
1977	3,975	217	64	153	3,758	585	1,172	814	671	408	109
1978[1]	4,307	260	85	175	4,047	662	1,283	879	691	416	118
1979	4,436	263	92	171	4,174	670	1,333	919	702	425	119
1980	4,515	248	82	165	4,267	663	1,389	936	717	448	113
1981	4,561	232	75	157	4,329	653	1,415	966	725	462	108
1982	4,552	205	73	132	4,347	623	1,416	1,028	719	457	103
1983	4,622	194	59	136	4,428	596	1,493	1,073	707	460	99

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[1] Not strictly comparable with data for prior years. For a further explanation, see the Technical Note on the Current Population Survey.

Table 16. Civilian employment-population ratios by sex, race and age, 1948-83

(Percent)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL											
1948	56.6	47.7	37.5	58.0	57.4	60.2	61.0	64.9	63.3	55.1	26.2
1949	55.4	45.2	35.4	55.1	56.3	58.9	59.8	64.3	62.6	53.3	26.0
1950	56.1	45.5	35.2	55.8	57.0	60.9	60.5	64.9	63.6	53.9	25.5
1951	57.3	47.9	38.5	58.1	58.1	62.2	62.3	65.9	65.4	55.2	24.9
1952	57.3	46.9	38.4	56.7	58.1	59.3	63.0	66.5	66.0	56.1	24.1
1953	57.1	46.4	37.2	56.8	58.0	58.3	62.4	67.4	66.5	56.4	24.2
1954	55.5	42.3	32.8	52.8	56.6	55.9	60.9	65.7	65.4	56.1	22.9
1955	56.7	43.5	33.8	54.6	57.8	58.3	62.3	66.6	67.3	57.0	23.2
1956	57.5	45.3	36.7	54.9	58.5	59.8	62.4	67.4	68.3	58.7	23.5
1957	57.1	43.9	35.2	53.8	58.2	59.5	62.4	67.4	68.6	58.1	22.1
1958	55.4	39.9	31.2	50.1	56.8	57.2	60.6	65.8	67.8	57.4	20.8
1959	56.0	39.9	31.3	50.6	57.5	58.8	61.7	66.6	68.9	58.3	20.2
1960	56.1	40.5	31.8	51.1	57.6	59.6	62.0	66.6	69.1	58.3	20.0
1961	55.4	39.1	29.7	49.2	56.9	58.8	61.5	65.9	68.5	58.2	19.0
1962	55.5	39.4	29.2	50.3	57.1	59.4	61.9	66.8	69.3	58.9	18.2
1963	55.4	37.4	27.8	49.4	57.2	59.4	62.2	67.3	69.8	59.5	17.2
1964	55.7	37.3	28.9	48.7	57.7	60.8	62.9	67.5	70.4	59.6	17.3
1965	56.2	38.9	29.9	49.4	58.2	61.9	64.0	68.4	70.5	60.0	17.2
1966	56.9	42.1	32.8	51.7	58.7	63.0	65.1	69.2	71.1	60.6	16.7
1967	57.3	42.2	33.3	51.7	59.0	63.3	66.1	69.8	70.9	60.9	16.7
1968	57.5	42.2	33.4	52.0	59.3	63.1	66.6	70.4	71.4	61.0	16.7
1969	58.0	43.4	34.7	53.1	59.7	64.3	67.2	70.9	72.0	60.9	16.9
1970	57.4	42.3	34.0	51.6	59.2	63.5	66.8	70.8	71.4	60.1	16.4
1971	56.6	41.3	33.1	50.4	58.4	62.4	66.2	70.4	70.8	59.2	15.7
1972	57.0	43.5	34.5	53.3	58.6	64.2	67.6	70.8	70.5	58.1	15.0
1973	57.8	45.9	36.9	55.7	59.3	66.9	69.3	72.0	70.6	56.9	14.2
1974	57.8	46.0	37.2	55.6	59.2	67.3	70.0	72.1	70.5	56.2	13.5
1975	56.1	43.3	34.9	52.0	57.6	63.9	68.7	70.8	68.8	54.6	13.0
1976	56.8	44.2	35.2	53.4	58.3	65.8	70.4	72.2	69.3	54.1	12.4
1977	57.9	46.1	37.0	55.4	59.2	67.4	72.0	73.6	69.9	54.1	12.3
1978	59.3	48.3	39.3	57.7	60.6	69.4	74.2	75.2	71.1	54.6	12.7
1979	59.9	48.5	39.8	57.4	61.2	70.4	75.1	76.3	71.9	54.6	12.6
1980	59.2	46.6	37.5	55.7	60.6	68.3	74.4	76.3	72.0	53.8	12.2
1981	59.0	44.6	35.5	53.5	60.5	67.8	74.6	76.6	72.5	53.0	11.9
1982	57.8	41.5	32.5	50.2	59.4	65.7	73.1	75.6	71.5	52.1	11.5
1983	57.9	41.5	31.4	51.0	59.5	66.0	73.5	75.9	71.3	51.4	11.3
Men											
1948	83.5	57.5	46.6	69.1	85.8	78.7	93.2	95.6	93.4	86.7	45.2
1949	81.3	53.8	44.2	64.4	83.7	77.7	90.9	93.8	91.4	82.6	44.6
1950	82.0	55.2	44.5	66.5	84.2	80.7	91.8	94.1	91.9	82.7	43.6
1951	84.0	57.9	48.0	69.8	86.1	84.9	94.6	95.6	93.7	84.8	43.3
1952	83.9	55.9	46.4	68.1	86.2	84.0	95.4	96.0	94.1	85.4	41.3
1953	83.6	55.9	46.0	68.1	85.9	83.3	95.3	96.2	94.3	85.4	40.6
1954	81.0	50.2	40.5	62.0	83.5	77.6	92.7	94.1	92.4	84.7	38.7
1955	81.8	52.1	42.1	64.5	84.3	80.2	94.4	95.0	93.3	84.2	38.0
1956	82.3	53.8	45.0	64.8	84.6	81.7	94.1	95.4	93.7	85.4	38.6
1957	81.3	51.8	43.2	62.8	83.8	80.3	93.9	95.1	93.2	84.4	36.3
1958	78.5	46.9	38.9	57.3	81.2	75.9	90.6	92.9	91.2	83.0	33.7
1959	79.3	47.2	37.9	60.0	82.3	80.1	92.8	94.1	92.0	83.5	32.6
1960	78.9	47.6	38.9	58.9	81.9	80.2	92.8	94.0	91.8	82.6	31.7
1961	77.6	45.3	36.1	55.9	80.8	78.3	91.9	93.1	90.9	82.3	29.9
1962	77.7	45.9	35.8	57.5	80.9	79.1	92.8	94.0	91.8	82.3	28.9
1963	77.1	43.8	33.9	57.2	80.6	78.6	92.8	94.1	92.3	82.5	27.1
1964	77.3	44.1	35.5	56.9	80.9	79.2	94.0	94.5	92.6	82.3	26.9
1965	77.5	46.2	36.8	57.7	81.2	80.4	94.4	94.8	93.2	81.9	26.9
1966	77.9	48.9	39.9	58.6	81.5	81.2	95.0	95.3	93.5	82.3	26.2
1967	78.0	48.7	40.2	58.8	81.5	80.5	95.2	95.6	93.3	82.4	26.4
1968	77.8	48.7	40.0	59.1	81.3	78.5	95.1	95.6	93.4	82.7	26.5
1969	77.6	49.5	40.8	59.7	81.1	78.6	94.9	95.5	93.2	81.9	26.6
1970	76.2	47.7	39.1	57.7	79.7	76.3	93.1	94.5	92.0	80.6	25.9
1971	74.9	46.8	38.2	56.6	78.5	74.5	91.7	93.5	91.1	79.4	24.6
1972	75.0	48.9	39.2	59.8	78.4	76.1	92.0	93.7	90.8	77.9	23.4
1973	75.5	51.4	41.5	62.6	78.6	79.0	92.5	94.2	91.0	76.3	22.0
1974	74.9	51.2	41.2	62.4	77.9	78.4	92.0	93.5	90.0	75.3	21.6
1975	71.7	47.2	38.1	57.2	74.8	72.4	88.6	91.0	87.6	72.4	20.5

Table 16. Civilian employment-population ratios by sex, race and age, 1948-83—Continued

(Percent)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men—Continued											
1976	72.0	47.9	38.1	58.3	75.1	74.9	89.3	91.4	87.9	71.2	19.1
1977	72.8	50.4	40.4	61.0	75.6	76.3	89.9	92.4	88.2	71.2	18.9
1978	73.8	52.2	41.9	63.2	76.4	78.0	91.1	93.0	88.8	71.3	19.5
1979	73.8	51.7	42.3	61.6	76.5	78.9	91.2	93.0	88.9	70.8	19.2
1980	72.0	49.5	39.8	59.4	74.6	75.1	88.8	91.6	87.9	69.7	18.4
1981	71.3	47.1	37.3	57.2	74.0	74.2	88.3	91.0	87.8	68.1	17.8
1982	69.0	42.9	33.4	52.2	71.8	71.0	85.2	88.8	86.1	66.4	17.1
1983	68.8	43.1	32.3	53.4	71.4	71.3	84.7	88.5	85.4	65.2	16.7
Women											
1948	31.3	38.5	28.3	48.3	30.7	43.1	31.8	35.8	34.0	23.5	8.9
1949	31.2	37.2	26.7	47.1	30.6	41.7	31.5	36.3	34.5	24.2	9.2
1950	32.0	36.3	25.8	48.2	31.6	42.9	32.0	37.4	36.2	25.8	9.4
1951	33.1	38.9	29.0	48.7	32.6	44.5	33.8	38.3	38.2	26.6	8.6
1952	33.4	38.8	30.3	47.6	33.0	42.7	34.2	39.2	39.1	27.9	8.9
1953	33.3	37.8	28.4	47.4	32.9	42.4	32.8	40.3	39.4	28.4	9.8
1954	32.5	34.9	25.0	45.0	32.3	41.8	32.2	39.1	39.3	28.7	9.1
1955	34.0	35.6	25.5	46.3	33.8	43.1	33.1	40.0	42.2	31.3	10.4
1956	35.1	37.5	28.5	46.8	34.9	43.4	33.7	41.4	43.8	33.6	10.6
1957	35.1	36.7	27.2	46.6	35.0	43.1	33.7	41.6	45.0	33.5	10.1
1958	34.5	33.5	23.4	44.3	34.6	42.2	33.0	40.7	45.5	33.6	9.9
1959	35.0	33.0	24.7	42.6	35.1	41.4	33.2	41.2	46.9	35.1	9.9
1960	35.5	33.8	24.6	44.3	35.7	42.3	33.7	41.3	47.7	35.9	10.5
1961	35.4	33.2	23.2	43.3	35.6	42.4	33.7	41.0	47.5	36.2	10.2
1962	35.6	33.3	22.5	44.0	35.8	43.0	34.0	41.8	48.0	37.3	9.5
1963	35.8	31.5	21.6	42.8	36.3	43.3	34.6	42.6	48.5	38.2	9.3
1964	36.3	30.9	22.2	41.7	36.9	45.1	34.9	42.8	49.4	38.8	9.8
1965	37.1	32.0	22.9	42.0	37.6	46.3	36.4	44.0	49.3	39.9	9.7
1966	38.3	35.6	25.6	45.4	38.6	48.2	38.1	45.2	50.2	40.9	9.4
1967	39.0	35.9	26.4	45.5	39.3	49.6	39.7	46.1	50.2	41.4	9.3
1968	39.6	36.0	26.6	45.7	40.0	50.9	40.6	47.2	51.1	41.5	9.3
1969	40.7	37.5	28.4	47.0	41.1	53.1	41.7	48.2	52.4	42.1	9.7
1970	40.8	37.1	28.8	45.9	41.2	53.1	42.4	48.9	52.5	41.9	9.4
1971	40.4	36.0	27.9	44.5	40.9	52.2	42.4	48.9	52.1	41.5	9.1
1972	41.0	38.2	29.8	47.0	41.3	53.5	44.8	49.4	51.9	40.7	9.0
1973	42.0	40.5	32.1	49.1	42.2	56.0	47.4	51.2	52.0	39.9	8.6
1974	42.6	41.0	33.0	49.1	42.8	57.1	49.4	52.2	52.6	39.4	7.9
1975	42.0	39.4	31.7	47.2	42.3	56.0	49.9	52.0	51.4	38.9	7.8
1976	43.2	40.5	32.2	48.7	43.5	57.3	52.5	54.3	52.1	39.0	7.8
1977	44.5	41.8	33.5	50.2	44.8	59.0	55.1	56.2	52.9	39.1	7.7
1978	46.4	44.5	36.5	52.5	46.6	61.4	58.1	58.6	54.7	40.0	8.0
1979	47.5	45.3	37.2	53.3	47.7	62.4	59.8	60.7	56.1	40.4	8.0
1980	47.7	43.8	35.1	52.2	48.1	61.8	60.7	62.0	57.1	40.0	7.8
1981	48.0	42.0	33.7	50.0	48.6	61.8	61.6	63.0	58.3	39.8	7.7
1982	47.7	40.2	31.5	48.3	48.4	60.6	61.6	63.2	58.0	39.6	7.6
1983	48.0	40.0	30.5	48.6	48.8	60.9	62.7	64.0	58.2	39.4	7.6
WHITE											
1954	55.2	42.0	33.2	53.7	56.2	55.9	60.6	65.3	65.2	55.9	22.8
1955	56.5	44.2	34.3	55.5	57.4	58.6	62.0	66.3	67.1	57.0	23.1
1956	57.3	46.1	37.5	55.9	58.2	60.4	62.0	67.1	68.1	58.6	23.4
1957	56.8	45.0	36.0	55.2	57.8	59.7	62.0	66.9	68.4	57.9	22.1
1958	55.3	41.0	32.1	51.7	56.5	57.8	60.4	65.5	67.6	57.4	20.7
1959	55.9	41.2	32.3	52.5	57.2	59.1	61.6	66.2	68.8	58.2	20.1
1960	55.9	41.5	32.6	52.4	57.2	59.7	61.7	66.2	69.0	58.2	20.0
1961	55.3	40.1	30.8	50.1	56.7	59.3	61.4	65.7	68.5	58.3	19.1
1962	55.4	40.4	30.0	51.4	56.9	59.8	61.7	66.6	69.2	58.9	18.3
1963	55.3	38.6	28.8	50.8	56.9	59.9	62.0	67.0	69.7	59.4	17.2
1964	55.5	38.4	30.1	49.8	57.3	61.0	62.6	67.3	70.2	59.6	17.2
1965	56.0	40.3	31.3	50.7	57.8	61.7	63.5	68.1	70.4	59.9	17.1
1966	56.8	43.6	34.2	53.2	58.3	63.0	64.6	68.8	71.0	60.5	16.6
1967	57.2	43.8	35.1	53.1	58.7	63.5	65.6	69.6	70.9	60.9	16.5
1968	57.4	43.9	35.2	53.5	59.0	63.1	66.2	70.3	71.3	61.1	16.6
1969	58.0	45.2	36.6	54.9	59.4	64.5	66.7	70.8	72.0	61.0	16.8
1970	57.5	44.5	36.2	53.7	59.0	64.1	66.5	70.7	71.5	60.1	16.2
1971	56.8	43.8	35.6	52.8	58.3	63.3	66.0	70.4	71.0	59.3	15.6

Table 16. Civilian employment-population ratios by sex, race and age, 1948-83—Continued

(Percent)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
WHITE—Continued											
1972	57.4	46.4	37.4	56.2	58.6	65.2	67.5	70.9	70.9	58.4	14.8
1973	58.2	48.9	40.0	58.6	59.3	68.3	69.3	72.1	70.9	57.1	14.0
1974	58.3	49.3	40.5	58.7	59.3	68.9	70.2	72.3	71.0	56.4	13.5
1975	56.7	46.5	38.1	55.4	57.9	66.0	69.1	71.2	69.4	54.8	12.9
1976	57.5	47.8	38.8	57.2	58.6	67.9	70.8	72.7	69.9	54.5	12.3
1977	58.6	50.1	40.9	59.6	59.6	69.9	72.6	74.1	70.4	54.5	12.3
1978	60.0	52.4	43.2	61.8	60.8	71.9	74.7	75.5	71.6	54.8	12.6
1979	60.6	52.6	43.8	61.4	61.5	72.9	75.8	76.8	72.4	54.9	12.5
1980	60.0	50.7	41.4	59.9	61.0	70.9	75.3	77.0	72.6	54.2	12.2
1981	60.0	48.7	39.5	57.9	61.1	70.9	75.9	77.3	73.3	53.3	11.9
1982	58.8	45.8	36.3	54.8	60.1	68.8	74.6	76.4	72.3	52.5	11.6
1983	58.9	45.9	35.4	55.8	60.1	69.4	75.0	76.7	72.2	51.8	11.4
Men											
1954	81.5	49.9	40.5	61.4	84.0	77.9	93.4	94.7	93.2	85.3	38.7
1955	82.2	52.0	42.2	64.2	84.7	80.4	95.2	95.7	93.8	84.9	38.1
1956	82.7	54.1	45.5	64.8	85.0	82.3	94.7	95.9	94.1	86.1	38.7
1957	81.8	52.4	43.7	63.6	84.1	80.5	94.5	95.6	93.7	85.0	36.5
1958	79.2	47.6	39.8	58.0	81.8	76.6	91.8	93.7	92.0	83.7	33.9
1959	79.9	48.1	38.6	61.2	82.8	80.8	93.8	94.8	92.7	84.2	32.7
1960	79.4	48.1	39.3	59.7	82.4	80.5	93.6	94.7	92.6	83.6	31.9
1961	78.2	45.9	37.0	56.2	81.4	78.8	92.9	94.0	91.8	83.2	30.2
1962	78.4	46.4	36.4	58.0	81.5	79.6	93.8	94.9	92.6	83.1	29.4
1963	77.7	44.7	34.8	58.2	81.1	79.1	93.6	94.9	93.0	83.1	27.3
1964	77.8	45.0	36.5	57.7	81.3	79.3	94.6	95.1	93.3	83.1	26.9
1965	77.9	47.1	38.0	58.3	81.5	80.2	94.9	95.4	93.8	82.6	26.9
1966	78.3	50.1	41.2	59.6	81.7	81.0	95.5	95.9	94.1	82.8	26.4
1967	78.4	50.2	41.8	60.1	81.7	80.5	95.6	96.2	93.9	83.1	26.4
1968	78.3	50.3	41.8	60.3	81.6	78.6	95.5	96.2	94.0	83.3	26.6
1969	78.2	51.1	42.7	61.1	81.4	78.7	95.4	96.1	93.8	82.5	26.7
1970	76.8	49.6	41.3	59.3	80.1	76.8	93.7	95.1	92.7	81.0	25.8
1971	75.7	49.2	40.8	58.6	79.0	75.4	92.5	94.2	92.0	79.9	24.7
1972	76.0	51.5	42.0	62.3	79.0	77.1	92.8	94.6	91.6	78.7	23.6
1973	76.5	54.3	44.7	65.1	79.2	80.2	93.3	95.1	91.7	77.0	22.0
1974	75.9	54.4	44.7	65.2	78.6	79.8	92.9	94.4	90.9	76.1	21.7
1975	73.0	50.6	41.6	60.3	75.7	74.3	89.7	92.1	88.9	73.2	20.6
1976	73.4	51.5	41.6	62.2	76.0	76.9	90.5	92.4	89.1	72.2	19.3
1977	74.1	54.4	44.3	65.2	76.5	78.7	91.2	93.2	89.4	72.1	19.1
1978	75.0	56.3	46.0	67.2	77.2	80.6	92.3	93.9	89.8	71.8	19.5
1979	75.1	55.7	46.4	65.4	77.3	81.1	92.5	94.0	89.9	71.6	19.4
1980	73.4	53.4	43.7	63.3	75.6	77.5	90.2	92.8	89.1	70.8	18.7
1981	72.8	51.3	41.2	61.4	75.1	77.0	90.0	92.3	89.1	69.0	18.1
1982	70.6	47.0	37.4	56.4	73.0	73.9	87.1	90.1	87.4	67.3	17.3
1983	70.4	47.4	36.3	58.0	72.6	74.3	86.7	89.8	86.6	66.1	17.1
Women											
1954	31.4	36.4	25.8	47.2	31.1	41.6	30.6	37.4	38.1	27.8	8.9
1955	33.0	37.0	26.4	48.1	32.7	43.5	31.4	38.4	41.2	30.7	10.2
1956	34.2	38.9	29.4	48.6	33.8	44.1	31.9	40.0	42.9	32.9	10.4
1957	34.2	38.2	28.3	48.5	33.9	43.4	32.1	40.0	44.0	32.7	9.9
1958	33.6	35.0	24.3	46.5	33.5	42.7	31.4	39.1	44.2	33.0	9.7
1959	34.0	34.8	25.9	45.1	34.0	41.4	31.6	39.5	45.9	34.3	9.7
1960	34.6	35.1	25.7	45.9	34.5	42.4	32.1	39.8	46.6	35.0	10.3
1961	34.5	34.6	24.4	44.9	34.5	43.0	32.1	39.5	46.5	35.6	10.1
1962	34.7	34.8	23.6	45.7	34.7	43.5	32.2	40.3	47.0	36.7	9.4
1963	35.0	32.9	22.8	44.5	35.2	43.8	32.8	41.1	47.6	37.6	9.1
1964	35.5	32.2	23.6	43.0	35.8	45.4	33.2	41.4	48.4	38.1	9.5
1965	36.2	33.7	24.4	43.8	36.5	46.1	34.5	42.5	48.4	39.2	9.5
1966	37.5	37.5	27.2	47.4	37.5	48.3	36.3	43.5	49.3	40.2	9.1
1967	38.3	37.7	28.2	47.1	38.3	49.9	37.8	44.7	49.4	41.0	9.1
1968	38.9	37.8	28.5	47.4	39.1	50.8	39.0	46.0	50.3	41.1	9.1
1969	40.1	39.5	30.3	49.2	40.1	53.3	40.0	47.0	51.7	41.7	9.5
1970	40.3	39.5	31.0	48.5	40.4	53.7	40.9	47.7	51.9	41.5	9.2
1971	39.9	38.6	30.3	47.2	40.1	53.1	40.9	47.8	51.5	41.1	9.0
1972	40.7	41.3	32.6	50.3	40.6	54.6	43.5	48.4	51.8	40.5	8.7
1973	41.8	43.6	35.1	52.4	41.6	57.4	46.2	50.3	51.7	39.6	8.4

Table 16. Civilian employment-population ratios by sex, race and age, 1948-83—Continued

(Percent)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued											
1974	42.4	44.3	36.2	52.5	42.2	58.7	48.3	51.4	52.4	39.1	7.7
1975	42.0	42.5	34.5	50.7	41.9	58.1	49.2	51.3	51.2	38.6	7.6
1976	43.2	44.2	35.8	52.5	43.1	59.4	51.8	53.8	51.9	38.8	7.5
1977	44.5	45.9	37.4	54.3	44.4	61.5	54.6	55.8	52.6	38.9	7.5
1978	46.3	48.5	40.4	56.6	46.1	63.6	57.6	58.0	54.5	39.8	7.8
1979	47.5	49.4	41.1	57.5	47.3	65.0	59.5	60.3	55.9	40.2	7.8
1980	47.8	47.9	39.0	56.6	47.8	64.6	60.7	61.8	57.0	39.6	7.7
1981	48.3	46.2	37.6	54.4	48.5	65.0	62.1	63.0	58.3	39.4	7.6
1982	48.1	44.6	35.2	53.2	48.4	63.9	62.4	63.1	58.1	39.4	7.6
1983	48.5	44.5	34.5	53.6	48.9	64.7	63.5	64.0	58.4	39.2	7.5
BLACK											
1972	53.7	25.2	16.9	34.5	58.3	57.5	68.5	70.0	67.0	54.5	16.8
1973	54.5	27.2	17.7	37.8	58.9	59.0	69.7	71.1	67.7	53.9	15.3
1974	53.5	25.9	17.0	35.9	58.0	57.6	69.5	70.6	65.9	52.6	14.4
1975	50.1	23.1	15.9	31.0	54.5	50.1	65.8	67.5	63.0	50.9	13.8
1976	50.8	22.4	14.6	30.8	55.4	51.8	67.7	69.0	63.8	50.1	13.8
1977	51.4	22.3	14.4	30.9	56.0	51.8	68.5	70.3	65.1	50.6	13.3
1978	53.6	25.2	16.4	34.5	58.0	54.7	71.0	72.6	66.4	51.9	14.1
1979	53.8	25.4	17.4	33.9	58.1	55.7	70.8	72.7	67.1	50.6	13.5
1980	52.3	23.9	16.4	31.8	56.4	52.8	69.0	71.1	66.1	49.5	11.8
1981	51.3	22.1	14.6	29.7	55.5	50.9	66.9	71.0	65.9	49.9	11.2
1982	49.4	19.0	12.3	25.6	53.6	47.6	63.8	70.1	64.9	48.0	10.6
1983	49.5	18.7	11.3	25.9	53.6	46.8	64.6	70.3	64.4	47.7	9.6
Men											
1972	66.8	31.6	21.8	43.1	73.0	70.4	85.9	86.7	82.3	69.3	23.0
1973	67.5	32.8	20.9	47.0	73.7	72.6	86.1	87.4	84.8	67.3	21.6
1974	65.8	31.4	20.5	44.3	71.9	69.9	85.1	86.4	80.6	66.4	20.4
1975	60.6	26.3	17.3	36.8	66.5	59.4	79.9	81.6	75.8	63.3	18.8
1976	60.6	25.8	17.2	35.5	66.8	61.3	80.0	83.3	76.4	61.0	18.1
1977	61.4	26.4	17.9	36.0	67.5	61.0	80.0	85.3	77.9	61.6	18.4
1978	63.3	28.5	18.3	40.0	69.1	62.2	81.9	85.9	79.2	65.0	19.7
1979	63.4	28.7	19.2	39.4	69.1	65.5	82.0	84.8	80.2	61.6	18.3
1980	60.4	27.0	18.8	36.3	65.8	60.9	78.7	81.8	77.1	57.9	15.3
1981	59.1	24.6	16.5	33.3	64.5	58.3	76.1	81.0	76.2	58.3	14.7
1982	56.0	20.3	11.7	29.2	61.4	53.9	71.3	77.8	74.8	55.5	14.4
1983	56.3	20.4	11.8	29.0	61.6	54.5	71.7	77.6	74.9	55.7	12.4
Women											
1972	43.0	19.2	12.2	26.7	46.5	46.9	54.5	56.8	54.5	42.3	12.2
1973	43.8	22.0	14.6	29.7	47.2	47.4	56.4	58.3	53.9	43.3	10.7
1974	43.5	20.9	13.5	28.6	46.9	47.6	57.0	58.0	53.8	41.4	10.0
1975	41.6	20.2	14.6	26.0	44.9	42.5	54.6	56.4	52.6	40.8	10.2
1976	42.8	19.2	11.9	26.6	46.4	44.1	57.8	57.6	53.5	41.4	10.7
1977	43.3	18.5	10.9	26.3	47.0	44.3	59.2	58.5	54.6	41.7	9.8
1978	45.8	22.1	14.5	29.7	49.3	48.6	62.2	62.0	56.1	41.6	10.3
1979	46.0	22.4	15.7	29.0	49.3	47.7	61.7	63.1	56.5	41.9	10.2
1980	45.7	21.0	14.0	27.8	49.1	46.2	61.3	62.6	57.4	42.8	9.4
1981	45.1	19.7	12.8	26.5	48.5	44.9	59.6	63.0	57.7	43.2	8.8
1982	44.2	17.7	13.0	22.3	47.5	42.3	57.7	64.0	57.1	42.0	8.1
1983	44.1	17.0	10.7	23.1	47.4	40.3	58.8	64.4	56.1	41.6	7.7

Table 17. Employed civilians by occupation, sex, race and Hispanic origin, 1983

(Numbers in thousands)

Occupation	Total	Men	Women	White	Black	Hispanic origin
EMPLOYED						
Total	100,834	56,787	44,047	88,893	9,375	5,303
Managerial and professional specialty	23,592	13,933	9,659	21,608	1,324	625
Executive, administrative, and managerial	10,772	14,564	3,490	10,016	504	305
Professional specialty	12,820	6,651	6,169	11,592	820	320
Technical, sales, and administrative support	31,265	11,078	20,187	28,159	2,380	1,344
Technicians and related support	3,053	1,582	1,471	2,689	251	94
Sales occupations	11,818	6,201	5,617	10,999	558	436
Administrative support, including clerical	16,395	3,295	13,100	14,471	1,571	815
Service occupations	13,857	5,530	8,326	11,123	2,295	937
Private household	980	38	942	686	272	83
Protective service	1,672	1,457	215	1,419	228	78
Service, except private household and protective	11,205	4,035	7,170	9,019	1,795	776
Precision production, craft, and repair	12,328	11,328	1,000	11,219	841	762
Operators, fabricators, and laborers	16,091	11,809	4,282	13,444	2,256	1,328
Machine operators, assemblers, and inspectors	7,744	4,484	3,259	6,414	1,081	724
Transportation and material moving occupations	4,201	3,875	326	3,592	547	249
Handlers, equipment cleaners, helpers, and laborers	4,147	3,450	697	3,438	628	356
Farming, forestry, and fishing	3,700	3,108	592	3,339	279	305
PERCENT DISTRIBUTION						
Total	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	23.4	24.5	21.9	24.3	14.1	11.8
Executive, administrative, and managerial	10.7	12.8	7.9	11.3	5.4	5.8
Professional specialty	12.7	11.7	14.0	13.0	8.7	6.0
Technical, sales, and administrative support	31.0	19.5	45.8	31.7	25.4	25.3
Technicians and related support	3.0	2.8	3.3	3.0	2.7	1.8
Sales occupations	11.7	10.9	12.8	12.4	6.0	8.2
Administrative support, including clerical	16.3	5.8	29.7	16.3	16.8	15.4
Service occupations	13.7	9.7	18.9	12.5	24.5	17.7
Private household	1.0	.1	2.1	.8	2.9	1.6
Protective service	1.7	2.6	.5	1.6	2.4	1.5
Service, except private household and protective	11.1	7.1	16.3	10.1	19.1	14.6
Precision production, craft, and repair	12.2	19.9	2.3	12.6	9.0	14.4
Operators, fabricators, and laborers	16.0	20.8	9.7	15.1	24.1	25.0
Machine operators, assemblers, and inspectors	7.7	7.9	7.4	7.2	11.5	13.7
Transportation and material moving occupations	4.2	6.8	.7	4.0	5.8	4.7
Handlers, equipment cleaners, helpers, and laborers	4.1	6.1	1.6	3.9	6.7	6.7
Farming, forestry, and fishing	3.7	5.5	1.3	3.8	3.0	5.8

NOTE: These occupational data are based on the 1980 census classification system and are not comparable with 1972-82 data based on the 1970 census system. For a further explanation, see the Technical Note on the Current Population Survey. Detail for race and Hispanic origin groups will not sum to totals because data for the "other races" groups are not presented and Hispanics are included in both the white and black population groups.

Table 18. Employed civilians by detailed occupation, sex, race, and Hispanic origin, 1983

(Numbers in thousands)

Occupation	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	100,834	43.7	9.3	5.3
Managerial and professional specialty	23,592	40.9	5.6	2.6
Executive, administrative, and managerial	10,772	32.4	4.7	2.8
Officials and administrators, public administration	417	38.5	8.3	3.8
Administrators, protective services	54	14.0	2.8	1.0
Financial managers	357	38.6	3.5	3.1
Personnel and labor relations managers	106	43.9	4.9	2.6
Purchasing managers	82	23.6	5.1	1.4
Managers, marketing, advertising, and public relations	396	21.8	2.7	1.7
Administrators, education and related fields	415	41.4	11.3	2.4
Managers, medicine and health	91	57.0	5.0	2.0
Managers, properties and real estate	305	42.8	5.5	5.2
Management-related occupations	2,966	40.3	5.8	3.5
Accountants and auditors	1,105	38.7	5.5	3.3
Underwriters and other financial officers	541	41.5	5.0	4.1
Management analysts	134	29.5	5.3	1.7
Personnel, training, and labor relations specialists	325	52.3	11.9	2.9
Buyers, wholesale and retail trade, except farm products	191	47.2	2.5	5.8
Construction inspectors	53	7.0	2.9	4.2
Inspectors and compliance officers, except construction	150	23.1	11.4	4.1
Professional specialty	12,820	48.1	6.4	2.5
Architects	103	12.7	1.6	1.5
Engineers	1,572	5.8	2.7	2.2
Aerospace engineers	80	6.9	1.5	2.1
Chemical engineers	67	6.1	3.0	1.4
Civil engineers	211	4.0	1.9	3.2
Electrical and electronic engineers	450	6.1	3.4	3.1
Industrial engineers	210	11.0	3.3	2.4
Mechanical engineers	259	2.8	3.2	1.1
Mathematical and computer scientists	463	29.6	5.4	2.6
Computer systems analysts and scientists	276	27.8	6.2	2.7
Operations and systems researchers and analysts	142	31.3	4.9	2.2
Natural scientists	357	20.5	2.6	2.1
Chemists, except biochemists	98	23.3	4.3	1.2
Geologists and geodesists	65	18.0	1.1	2.6
Biological and life scientists	55	40.8	2.4	1.8
Health diagnosing occupations	735	13.3	2.7	3.3
Physicians	519	15.8	3.2	4.5
Dentists	126	6.7	2.4	1.0
Health assessment and treating occupations	1,900	85.8	7.1	2.2
Registered nurses	1,372	95.8	6.7	1.8
Pharmacists	158	26.7	3.8	2.6
Dietitians	71	90.8	21.0	3.7
Therapists	247	76.3	7.6	2.7
Inhalation therapists	69	69.4	6.5	3.7
Physical therapists	55	77.0	9.7	1.5
Speech therapists	51	90.5	1.5	(1)
Physicians assistants	51	36.3	7.7	4.4
Teachers, college and university	606	36.3	4.4	1.8
Teachers, except college and university	3,365	70.9	9.1	2.7
Prekindergarten and kindergarten	299	98.2	11.8	3.4
Elementary school	1,350	83.3	11.1	3.1
Secondary school	1,209	51.8	7.2	2.3
Special education	81	82.2	10.2	2.3
Teachers, n.e.c.	425	64.5	5.7	2.0
Counselors, educational and vocational	184	53.1	13.9	3.2
Librarians, archivists, and curators	213	84.4	7.8	1.6
Librarians	193	87.3	7.9	1.8
Social scientists and urban planners	261	46.8	7.1	2.1
Economists	98	37.9	6.3	2.7
Psychologists	135	57.1	8.6	1.1
Social, recreation, and religious workers	831	43.1	12.1	3.8
Social workers	407	64.3	18.2	6.3
Recreation workers	65	71.9	15.7	2.0
Clergy	293	5.6	4.9	1.4
Religious workers, n.e.c.	66	50.9	2.5	.4
Lawyers and judges	651	15.8	2.7	1.0
Lawyers	612	15.3	2.6	.9

See footnotes at end of table.

Table 18. Employed civilians by detailed occupation, sex, race, and Hispanic origin, 1983—Continued

(Numbers in thousands)

Occupation	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Professional specialty—Continued				
Writers, artists, entertainers, and athletes	1,544	42.7	4.8	2.9
Authors	62	46.7	2.1	.9
Designers	393	52.7	3.1	2.7
Musicians and composers	155	28.0	7.9	4.4
Painters, sculptors, craft-artists, and artist printmakers	186	47.4	2.1	2.3
Photographers	113	20.7	4.0	3.4
Editors and reporters	204	48.4	2.9	2.1
Public relations specialists	157	50.1	6.2	1.9
Athletes	58	17.6	9.4	1.7
Technical, sales, and administrative support	31,265	64.6	7.6	4.3
Technicians and related support	3,053	48.2	8.2	3.1
Health technologists and technicians	1,111	84.3	12.7	3.1
Clinical laboratory technologists and technicians	255	76.2	10.5	2.9
Dental hygienists	66	98.6	1.6	(1)
Radiologic technicians	101	71.7	8.6	4.5
Licensed practical nurses	443	97.0	17.7	3.1
Engineering and related technologists and technicians	822	18.4	6.1	3.5
Electrical and electronic technicians	260	12.5	8.2	4.6
Drafting occupations	273	17.5	5.5	2.3
Science technicians	202	29.1	6.6	2.8
Biological technicians	52	37.7	2.9	2.0
Chemical technicians	82	26.9	9.5	3.5
Technicians, except health, engineering, and science	917	35.3	5.0	2.7
Airplane pilots and navigators	69	2.1	(1)	1.6
Computer programmers	443	32.5	4.4	2.1
Legal assistants	128	74.0	4.3	3.6
Sales occupations	11,818	47.5	4.7	3.7
Supervisors and proprietors	2,958	28.4	3.6	3.4
Sales representatives, finance and business services	1,853	37.2	2.7	2.2
Insurance sales	551	25.1	3.8	2.5
Real estate sales	570	48.4	1.3	1.5
Securities and financial services sales	212	23.6	3.1	1.1
Advertising and related sales	124	47.9	4.5	3.3
Sales occupations, other business services	396	41.0	2.4	2.9
Sales representatives, commodities, except retail	1,442	15.1	2.1	2.2
Sales workers, retail and personal services	5,511	69.7	6.7	4.8
Sales workers, motor vehicles and boats	230	6.4	3.2	3.0
Sales workers, apparel	451	83.2	8.1	6.0
Sales workers, shoes	117	65.4	5.0	7.3
Sales workers, furniture and home furnishings	140	49.8	2.7	4.8
Sales workers, radio, television, hi-fi, and appliances	124	30.4	5.0	6.2
Sales workers, hardware and building supplies	189	22.7	2.5	3.6
Sales workers, parts	149	10.9	1.8	6.2
Sales workers, other commodities	1,441	74.1	4.5	4.0
Sales counter clerks	140	70.1	7.8	4.3
Cashiers	2,009	84.4	10.1	5.4
Street and door-to-door sales workers	378	81.0	4.4	3.4
News vendors	143	27.4	5.8	2.9
Sales-related occupations	54	58.7	2.8	1.3
Administrative support, including clerical	16,395	79.9	9.6	5.0
Supervisors	676	53.4	9.3	5.0
General office	382	65.7	10.5	4.9
Financial records processing	93	62.2	5.8	5.1
Supervisors, distribution, scheduling, and adjusting clerks	156	22.7	8.9	5.3
Computer equipment operators	605	63.9	12.5	6.0
Computer operators	597	63.7	12.1	6.0
Secretaries, stenographers, and typists	4,861	98.2	7.3	4.5
Secretaries	3,891	99.0	5.8	4.0
Stenographers	65	86.7	6.4	2.0
Typists	906	95.6	13.8	6.4
Information clerks	1,174	88.9	8.5	5.5
Interviewers	184	88.0	9.7	4.6
Hotel clerks	64	68.6	6.7	3.2
Transportation ticket and reservation agents	98	64.7	10.3	5.7
Receptionists	602	96.8	7.5	6.6

See footnotes at end of table.

Table 18. Employed civilians by detailed occupation, sex, race, and Hispanic origin, 1983—Continued

(Numbers in thousands)

Occupation	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Administrative support, including clerical—Continued				
Records processing occupations, except financial	866	82.4	13.9	4.8
Order clerks	188	78.1	10.6	4.4
Personnel clerks, except payroll and timekeeping	64	91.1	14.9	4.6
Library clerks	147	81.9	15.4	2.5
File clerks	287	83.5	16.7	6.1
Records clerks	157	82.8	11.6	5.6
Financial records processing	2,457	89.4	4.6	3.7
Bookkeepers, accounting, and auditing clerks	1,970	91.0	4.3	3.3
Payroll and timekeeping clerks	192	82.2	5.9	5.0
Billing clerks	146	88.4	6.2	3.9
Cost and rate clerks	96	75.6	5.9	5.3
Billing, posting, and calculating machine operators	53	85.5	5.4	8.9
Duplicating, mail and other office machine operators	68	62.6	16.0	6.1
Communications equipment operators	256	89.1	17.0	4.4
Telephone operators	244	90.4	17.0	4.3
Mail and message distributing occupations	799	31.6	18.1	4.5
Postal clerks, except mail carriers	248	36.7	26.2	5.2
Mail carriers, postal service	259	17.1	12.5	2.7
Mail clerks, except postal service	170	50.0	15.8	5.9
Messengers	122	26.2	16.7	5.2
Material recording, scheduling, and distributing clerks	1,562	37.5	10.9	6.6
Dispatchers	157	45.7	11.4	4.3
Production coordinators	182	44.0	6.1	2.2
Traffic, shipping, and receiving clerks	421	22.6	9.1	11.1
Stock and inventory clerks	532	38.7	13.3	5.5
Weighers, measurers, and checkers	79	47.2	16.9	5.8
Expediters	112	57.5	8.4	4.3
Adjusters and investigators	675	69.9	11.1	5.1
Insurance adjusters, examiners, and investigators	199	65.0	11.5	3.3
Investigators and adjusters, except insurance	301	70.1	11.3	4.8
Eligibility clerks, social welfare	69	88.7	12.9	9.4
Bill and account collectors	106	66.4	8.5	6.5
Miscellaneous administrative support	2,397	85.2	12.5	5.9
General office clerks	648	80.6	12.7	5.2
Bank tellers	480	91.0	7.5	4.3
Data entry keyers	311	93.6	18.6	5.6
Statistical clerks	96	75.7	7.5	3.4
Teachers' aides	348	93.7	17.8	12.6
Service occupations	13,857	60.1	16.6	6.8
Private household	980	96.1	27.8	8.5
Child care workers	408	96.9	7.9	3.6
Cleaners and servants	512	95.8	42.4	11.8
Protective service	1,672	12.8	13.6	4.6
Supervisors, protective service	127	4.7	7.7	3.1
Supervisors, police and detectives	58	4.2	9.3	1.2
Firefighting and fire prevention	189	1.0	6.7	4.1
Firefighting occupations	170	1.0	7.3	3.8
Police and detectives	645	9.4	13.1	4.0
Police and detectives, public service	412	5.7	9.5	4.4
Sheriffs, bailiffs, and other law enforcement officers	87	13.2	11.5	4.0
Correctional institution officers	146	17.8	24.0	2.8
Guards	711	20.6	17.0	5.6
Guards and police, except public service	602	13.0	18.9	6.2
Service occupations, except private household and protective service	11,205	64.0	16.0	6.9
Food preparation and service occupations	4,860	63.3	10.5	6.8
Supervisors	239	63.5	10.6	5.0
Bartenders	338	48.4	2.7	4.4
Waiters and waitresses	1,357	87.8	4.1	3.6
Cooks, except short order	1,359	50.8	16.0	6.8
Short-order cooks	93	38.5	12.9	2.4
Food counter, fountain, and related occupations	326	76.0	9.1	6.7
Kitchen workers, food preparation	138	77.0	13.7	8.1
Waiters' and waitresses' assistants	364	38.8	12.6	14.2
Miscellaneous food preparation	646	54.0	15.1	11.6
Health service occupations	1,739	89.2	23.5	4.8
Dental assistants	154	98.1	6.1	5.7
Health aides, except nursing	316	86.8	16.5	4.8
Nursing aides, orderlies, and attendants	1,269	88.7	27.3	4.7

See footnotes at end of table.

Table 18. Employed civilians by detailed occupation, sex, race, and Hispanic origin, 1983—Continued

(Numbers in thousands)

Occupation	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Service occupations, except private household and protective service—Continued				
Cleaning and building service occupations	2,736	38.8	24.4	9.2
Supervisors	124	38.4	26.3	6.6
Maids and housemen	531	81.2	32.3	10.1
Janitors and cleaners	2,031	28.6	22.6	8.9
Personal service occupations	1,870	79.2	11.1	6.0
Barbers	92	12.9	8.4	12.1
Hairdressers and cosmetologists	622	88.7	7.0	5.7
Attendants, amusement and recreation facilities	131	40.2	7.1	4.3
Public transportation attendants	63	74.3	11.3	5.9
Welfare service aides	77	92.5	24.2	10.5
Child care workers	633	96.8	12.6	5.2
Precision production, craft, and repair	12,328	8.1	6.8	6.2
Mechanics and repairers	4,158	3.0	6.8	5.3
Supervisors	252	7.0	3.7	3.3
Mechanics and repairers, except supervisors	3,906	2.8	7.0	5.5
Vehicle and mobile equipment mechanics and repairers	1,683	.8	6.9	6.0
Automobile mechanics	800	.5	7.8	6.0
Bus, truck, and stationery engine mechanics	299	.6	6.5	5.7
Aircraft engine mechanics	95	2.5	4.0	7.6
Small engine repairers	63	.1	5.4	3.4
Automobile body and related repairers	199	.7	6.5	6.8
Heavy equipment mechanics	162	.7	5.4	4.9
Industrial machinery repairers	529	2.2	6.0	4.9
Electrical and electronic equipment repairers	674	7.4	7.3	4.5
Electronic repairers, communications, and industrial equipment	158	5.3	8.0	6.1
Data processing equipment repairers	98	9.3	6.1	4.5
Telephone line installers and repairers	59	5.6	5.8	4.6
Telephone installers and repairers	247	9.9	7.8	3.7
Heating, air conditioning, and refrigeration mechanics	200	.5	6.0	5.3
Miscellaneous mechanics and repairers	792	4.0	7.5	5.4
Office machine repairers	66	3.3	9.3	3.9
Millwrights	94	1.0	6.4	2.4
Construction trades	4,289	1.8	6.6	6.0
Supervisors	504	1.3	3.2	4.6
Construction trades, except supervisors	3,784	1.9	7.1	6.1
Brickmasons and stonemasons	156	.3	12.2	9.2
Carpet installers	88	2.0	3.4	8.6
Carpenters	1,160	1.4	5.0	5.0
Drywall installers	95	1.4	3.8	8.6
Electricians	602	1.5	6.2	3.3
Electrical power installers and repairers	106	.2	12.0	1.7
Painters, construction and maintenance	473	4.9	8.7	8.8
Plumbers, pipefitters, and steamfitters	443	1.1	7.9	4.7
Concrete and terrazzo finishers	64	(1)	23.0	22.3
Insulation workers	56	4.8	5.8	11.3
Roofers	133	.1	7.4	7.8
Structural metal workers	63	1.2	3.9	3.2
Extractive occupations	196	2.3	3.3	6.0
Supervisors	56	1.7	.6	2.2
Drillers, oil wells	60	1.9	2.5	7.3
Precision production occupations	3,685	21.5	7.3	7.4
Supervisors	1,210	14.1	6.6	5.7
Precision metalworking	892	5.5	6.2	6.3
Tool and die makers	148	1.2	2.1	2.9
Machinists	471	4.1	7.3	7.7
Sheet-metal workers	127	4.5	5.1	4.6
Precision woodworking	86	16.7	3.3	9.7
Precision textile, apparel, and furnishings machine workers	260	58.9	7.9	12.7
Dressmakers	111	96.1	8.9	7.9
Upholsterers	67	26.2	6.9	17.7
Precision workers, assorted materials	452	56.9	7.5	10.4
Optical goods workers	56	41.5	2.9	3.5
Dental laboratory and medical appliance technicians	50	41.1	5.5	7.3
Electrical and electronic equipment assemblers	246	74.2	10.8	13.2
Precision food production occupations	408	25.5	11.1	9.6
Butchers and meat cutters	276	15.6	13.5	9.2
Bakers	105	44.4	6.7	9.9
Precision inspectors, testers, and related workers	130	25.6	8.8	6.3
Inspectors, testers, and graders	121	24.6	8.7	6.2

See footnotes at end of table.

Table 18. Employed civilians by detailed occupation, sex, race, and Hispanic origin, 1983—Continued

(Numbers in thousands)

Occupation	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Precision production occupations—Continued				
Plant and system operators	247	3.4	7.8	4.5
Power plant operators	52	4.7	8.3	5.6
Stationary engineers	119	2.1	7.8	4.1
Operators, fabricators, and laborers	16,091	26.6	14.0	8.3
Machine operators, assemblers, and inspectors	7,744	42.1	14.0	9.4
Machine operators and tenders, except precision	5,235	43.1	15.0	9.8
Metalworking and plastic working machine operators	499	16.6	11.4	6.7
Lathe and turning machine operators	78	9.2	10.0	6.1
Punching and stamping press machine operators	114	33.0	14.3	4.3
Grinding, abrading, buffing, and polishing machine operators	151	14.0	12.9	11.2
Metal and plastic processing machine operators	172	23.0	13.1	12.2
Molding and casing machine operators	102	30.9	12.5	13.0
Woodworking machine operators	145	11.9	11.2	7.9
Sawing machine operators	95	7.7	12.1	7.4
Printing machine operators	459	25.6	7.0	4.7
Printing machine operators	306	13.8	8.7	5.5
Typesetters and compositors	76	64.1	1.9	2.1
Textile, apparel, and furnishings machine operators	1,414	82.1	18.7	12.5
Winding and twisting machine operators	97	75.2	38.2	2.5
Textile sewing machine operators	806	94.0	15.5	14.5
Shoe machine operators	77	72.5	12.4	7.7
Pressing machine operators	141	66.4	27.1	14.2
Laundering and dry cleaning machine operators	164	64.7	21.0	12.9
Machine operators, assorted materials	2,517	32.8	15.3	9.9
Packaging and filling machine operators	396	63.1	17.6	14.7
Mixing and blending machine operators	113	7.6	19.0	8.0
Separating, filtering, and clarifying machine operators	62	5.4	12.0	2.7
Painting and paint spraying machine operators	185	13.6	12.4	11.0
Furnace, kiln, and oven operators, except food	108	3.5	14.5	4.9
Slicing and cutting machine operators	195	23.3	15.9	14.9
Photographic process machine operators	93	52.4	8.4	6.4
Fabricators, assemblers, and hand working occupations	1,715	33.7	11.3	8.7
Welders and cutters	543	5.0	8.3	8.6
Assemblers	953	46.4	13.5	8.9
Production inspectors, testers, samplers, and weighers	794	53.8	13.0	7.7
Production inspectors, checkers, and examiners	624	54.9	13.4	6.6
Production testers	58	37.4	8.0	3.8
Graders and sorters, except agricultural	103	58.6	13.5	16.5
Transportation and material moving occupations	4,201	7.8	13.0	5.9
Motor vehicle operators	2,978	9.2	13.5	6.0
Truck drivers, heavy	1,771	2.1	12.8	5.1
Truck drivers, light	424	7.6	10.4	8.3
Drivers-sales workers	200	7.6	5.2	3.6
Bus drivers	365	45.5	22.2	7.0
Taxi-cab drivers and chauffeurs	148	10.4	19.6	8.6
Transportation occupations, except motor vehicles	212	2.4	6.7	3.0
Rail transportation occupations	154	2.0	7.8	3.1
Locomotive operating occupations	64	2.3	8.5	1.7
Railroad brake, signal, and switch operators	50	1.5	8.7	6.0
Water transportation occupations	58	3.5	3.7	2.9
Material moving equipment operators	1,011	4.8	12.9	6.3
Operating engineers	145	.4	6.8	3.8
Crane and tower operators	93	1.3	15.6	2.6
Excavating and loading machine operators	98	1.2	5.9	6.2
Grader, dozer, and scraper operators	112	.2	7.7	4.9
Industrial truck and tractor equipment operators	369	5.6	19.6	8.2

See footnotes at end of table.

Table 18. Employed civilians by detailed occupation, sex, race, and Hispanic origin, 1983—Continued

(Numbers in thousands)

Occupation	Total employed	Percent of total: Women	Percent of total: Black	Percent of total: Hispanic origin
Handlers, equipment cleaners, helpers, and laborers	4,147	16.8	15.1	8.6
Helpers, construction and extractive occupations	167	13.0	11.4	10.9
Helpers, construction trades	153	2.9	11.5	11.5
Construction laborers	595	2.1	16.1	11.3
Production helpers	75	24.4	13.7	9.1
Freight, stock, and material handlers	1,488	15.4	15.3	7.1
Garbage collectors	63	1.0	38.0	8.2
Stock handlers and baggers	815	20.7	9.4	6.9
Machine feeders and offbearers	88	32.1	22.7	5.0
Garage and service station related occupations	293	4.6	8.8	7.3
Vehicle washers and equipment cleaners	175	14.7	22.3	12.4
Hand packers and packagers	286	67.0	13.6	7.7
Laborers, except construction	1,024	19.4	16.0	8.6
Farming, forestry, and fishing	3,700	16.0	7.5	8.2
Farm operators and managers	1,450	12.1	1.3	.7
Farmers	1,369	12.1	1.2	.7
Farm managers	81	10.5	3.0	1.7
Other agricultural and related occupations	2,072	19.9	11.7	14.0
Farm occupations, except managerial	1,216	24.4	11.3	16.0
Farm workers	1,149	24.8	11.6	15.9
Related agricultural occupations	855	13.6	12.3	11.2
Supervisors	99	5.0	5.6	10.4
Groundskeepers and gardeners, except farm	645	6.8	14.7	11.6
Animal caretakers, except farm	97	60.0	3.2	5.9
Forestry and logging occupations	126	1.4	12.8	2.1
Timber cutting and logging	96	([1])	14.4	2.3
Fishers, hunters, and trappers	53	4.5	1.8	2.5

[1] Less than 0.05 percent.

NOTE: N.e.c. is an abbreviation for "not elsewhere classified" and designates broad categories of occupations which cannot be more specifically identified. These occupational data are based on the 1980 census classification system and are not comparable with data based on the 1970 census system. For a further explanation, see the Technical Note on the Current Population Survey.

Table 19. Employed civilians by industry and occupation, 1982-83

(In thousands)

Industry	1982												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service[1]		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	3,401	[illegible]	66	19	20	[illegible]	-	12	61	10	44	8	3,084
Mining	1,028	126	93	51	38	126	-	12	363	22	151	43	1
Construction	5,756	548	120	65	274	440	-	31	3,086	110	456	629	17
Manufacturing	20,286	1,546	1,508	713	1,097	2,533	-	410	3,527	6,647	853	1,287	108
Durable goods	11,968	921	1,017	515	530	1,486	-	215	2,393	3,736	432	616	99
Nondurable goods	8,318	625	491	198	566	1,046	-	195	1,134	2,912	421	672	9
Transportation and public utilities	6,552	618	334	250	395	1,953	-	229	1,262	109	1,612	465	17
Wholesale and retail trade	20,758	3,023	375	74	6,935	2,193	-	3,941	1,539	245	757	1,587	22
Wholesale trade	4,120	722	74	39	1,346	846	-	36	365	135	402	300	8
Retail trade	16,638	2,301	301	35	5,589	1,346	-	3,905	1,174	110	355	1,288	14
Finance, insurance, and real estate	6,270	1,257	156	87	1,602	2,686	-	254	109	18	16	23	66
Services	30,259	2,563	9,271	1,493	840	5,211	1,043	6,314	1,565	659	247	365	354
Private households	1,271	-	10	21	-	13	1,043	21	7	1	7	28	119
Other service industries	28,988	2,563	9,261	1,472	840	5,198	-	6,292	1,557	658	240	336	235
Professional services	20,507	1,657	8,465	1,248	192	3,901	-	4,025	347	159	65	91	90
Public administration	5,218	885	631	261	49	1,284	-	1,246	263	53	62	71	82
Agriculture	3,383	44	56	24	15	100	-	16	54	9	43	15	3,008
Mining	921	137	103	37	10	122	-	10	303	31	135	32	1
Construction	6,149	677	126	48	67	396	-	37	3,515	99	463	704	17
Manufacturing	19,946	2,010	1,519	712	662	2,438	-	387	3,815	6,517	818	962	105
Durable goods	11,708	1,195	1,028	509	271	1,393	-	204	2,668	3,478	417	449	96
Nondurable goods	8,238	816	491	203	391	1,045	-	184	1,146	3,039	401	513	9
Transportation and public utilities	6,988	683	379	224	246	1,944	-	223	1,235	108	1,492	439	15
Wholesale and retail trade	21,145	1,710	370	75	8,684	2,186	-	4,028	1,391	271	785	1,621	23
Wholesale trade	4,314	500	75	37	1,650	838	-	46	312	133	418	295	10
Retail trade	16,832	1,209	295	38	7,033	1,348	-	3,982	1,079	138	366	1,326	14
Finance, insurance, and real estate	6,510	1,452	154	115	1,509	2,784	-	277	119	15	10	20	57
Services	31,082	3,095	9,493	1,623	602	5,093	980	6,763	1,658	649	408	299	416
Private households	1,253	3	11	21	1	11	980	50	11	2	7	33	123
Other service industries	29,829	3,092	9,483	1,603	601	5,083	-	6,711	1,647	648	402	266	293
Professional services	20,716	1,771	8,606	1,361	114	3,809	-	4,096	390	167	232	76	94
Public administration	4,709	964	621	195	22	1,332	-	1,134	238	45	46	55	57

[1] Includes protective service, not shown separately.

NOTE: These occupational data are based on the 1980 census classification system and are not comparable with 1972-82 data based on the 1970 census system. For a further explanation, see the Technical Note on the Current Population Survey.

Table 20. Percent distribution of nonagricultural workers on full-time or voluntary part-time schedules by selected characteristics, 1970-83

Characteristic	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	On full-time schedules[1]													
Total:														
Number (thousands)	59,141	59,393	61,665	64,065	64,746	63,145	65,787	68,398	71,835	74,097	73,590	74,339	72,245	73,624
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE														
Men	66.8	67.0	66.7	66.4	65.8	65.2	64.8	64.3	63.6	63.1	62.2	61.9	61.4	61.1
16 to 17 years	.5	.5	.5	.6	.6	.5	.5	.5	.5	.5	.4	.4	.2	.2
18 to 24 years	8.8	9.3	9.9	10.6	10.5	9.9	10.1	10.2	10.4	10.3	9.7	9.4	8.7	8.4
25 to 44 years	31.6	31.5	31.6	31.4	31.4	31.7	31.7	31.7	31.6	31.7	32.0	32.8	33.1	33.5
45 to 64 years	24.2	24.1	23.3	22.5	22.1	22.0	21.4	20.8	20.0	19.4	19.1	18.4	18.3	17.9
65 years and over	1.6	1.5	1.4	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Women	33.2	33.0	33.3	33.6	34.2	34.8	35.2	35.7	36.4	36.9	37.8	38.1	38.6	38.9
16 to 17 years	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2
18 to 24 years	7.4	7.3	7.5	7.7	7.9	7.8	7.8	7.9	8.0	8.0	7.9	7.6	7.2	6.9
25 to 44 years	12.7	12.6	13.1	13.6	14.2	15.0	15.7	16.3	17.1	17.7	18.7	19.4	20.3	21.0
45 to 64 years	12.1	12.1	11.7	11.2	11.1	11.1	10.9	10.7	10.5	10.4	10.5	10.3	10.4	10.3
65 years and over	.8	.7	.7	.7	.6	.6	.6	.5	.5	.5	.5	.5	.6	.5
RACE AND SEX														
White	89.5	89.5	89.5	89.2	89.2	89.4	89.1	89.0	88.7	88.6	88.6	88.1	88.0	87.9
Men	60.4	60.6	60.4	59.9	59.5	59.1	58.6	58.1	57.3	56.7	56.0	55.4	54.9	54.5
Women	29.1	28.9	29.2	29.3	29.7	30.3	30.5	30.9	31.4	31.9	32.6	32.7	33.1	33.4
Black	(2)	(2)	9.4	9.6	9.4	9.1	9.3	9.4	9.5	9.6	9.3	9.5	9.4	9.5
Men	(2)	(2)	5.7	5.7	5.5	5.3	5.2	5.3	5.3	5.3	5.1	5.1	5.0	5.0
Women	(2)	(2)	3.7	3.9	3.9	3.8	4.0	4.1	4.2	4.3	4.3	4.4	4.4	4.4
SEX AND MARITAL STATUS														
Men:														
Single	8.7	8.9	9.4	10.1	10.2	10.0	10.5	11.2	11.9	12.1	12.0	12.2	11.9	12.1
Married, spouse present	54.6	54.6	53.6	52.5	51.5	51.1	49.9	48.5	46.8	46.0	45.0	44.3	44.1	43.4
Widowed, divorced, or separated	3.4	3.5	3.7	3.8	4.1	4.1	4.3	4.6	4.9	4.9	5.2	5.5	5.4	5.5
Women:														
Single	7.2	7.0	7.2	7.3	7.4	7.6	7.9	8.2	8.6	8.9	9.0	9.0	9.2	9.2
Married, spouse present	19.3	19.2	19.3	19.6	19.8	20.1	20.1	20.1	20.2	20.3	20.7	20.6	20.9	21.2
Widowed, divorced, or separated	6.8	6.8	6.9	6.8	7.0	7.1	7.2	7.4	7.7	7.8	8.1	8.4	8.6	8.5
INDUSTRY														
Wage and salary workers	92.8	92.7	93.0	93.1	93.1	93.1	93.3	93.1	93.1	93.0	93.0	93.1	93.0	92.7
Construction	5.9	6.2	6.3	6.3	6.0	5.5	5.5	5.7	5.9	6.0	5.7	5.5	5.2	5.5
Manufacturing	30.5	28.7	28.4	28.9	28.3	26.5	26.9	26.7	26.6	26.6	25.9	25.6	23.8	23.3
Durable goods	18.3	17.1	16.8	17.5	17.3	16.0	16.4	16.1	16.2	16.5	15.9	15.8	14.4	14.0
Nondurable goods	12.2	11.6	11.6	11.4	11.0	10.5	10.5	10.5	10.4	10.1	10.0	9.8	9.4	9.3
Transportation and public utilities	7.4	7.3	7.3	7.1	7.3	7.3	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.7
Wholesale and retail trade	15.4	16.3	16.3	16.1	16.3	16.7	16.6	16.7	16.4	16.2	16.1	16.2	16.7	16.8
Finance and services	26.1	26.9	27.4	27.4	28.0	29.3	29.5	29.5	29.7	29.8	30.6	31.1	32.4	32.7
Other industries[3]	7.6	7.2	7.2	7.1	7.3	7.8	7.6	7.4	7.3	7.2	7.5	7.5	7.6	6.7
Self-employed and unpaid family workers	7.2	7.3	7.0	6.9	6.9	6.9	6.7	6.9	6.9	7.0	7.0	6.9	7.0	7.3

See footnotes at end of table.

Table 20. Percent distribution of nonagricultural workers on full-time or voluntary part-time schedules by selected characteristics, 1970-83—Continued

Characteristic	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	On voluntary part time[4]													
Total:														
Number (thousands)	9,392	9,529	9,985	10,381	10,582	10,694	11,077	11,596	12,113	12,406	12,555	12,539	12,455	12,417
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE														
Men	32.2	32.3	32.5	31.6	31.4	31.3	30.9	31.3	30.7	30.2	30.5	29.7	29.3	29.7
16 to 17 years	9.2	9.1	8.9	8.9	8.9	8.7	8.4	8.6	8.5	8.4	8.0	7.2	6.4	6.1
18 to 24 years	11.0	11.2	11.5	10.6	10.1	10.3	10.9	10.8	10.2	9.8	10.2	10.4	10.7	11.2
25 to 44 years	3.0	3.2	3.3	3.4	3.4	3.5	3.4	3.7	3.7	3.7	3.8	3.9	4.2	4.5
45 to 64 years	3.3	3.3	3.5	3.5	3.6	3.5	3.4	3.3	3.2	3.2	3.4	3.2	3.3	3.2
65 years and over	5.8	5.5	5.4	5.2	5.4	5.3	4.8	5.0	5.2	5.2	5.0	5.0	4.8	4.8
Women	67.8	67.7	67.5	68.4	68.6	68.7	69.1	68.7	69.3	69.8	69.5	70.3	70.7	70.3
16 to 17 years	8.2	8.2	8.3	8.8	8.8	8.7	8.6	8.4	8.7	8.6	8.1	7.7	7.0	6.4
18 to 24 years	12.2	12.6	13.1	13.3	13.3	13.6	14.0	14.0	14.1	14.2	14.3	14.6	15.0	15.2
25 to 44 years	23.9	23.5	23.6	23.9	24.4	24.4	24.9	25.3	25.5	25.9	26.7	27.3	28.1	28.1
45 to 64 years	19.1	18.8	18.2	18.2	17.9	17.8	17.2	16.5	16.5	16.6	16.0	16.4	16.3	16.1
65 years and over	4.4	4.6	4.4	4.3	4.2	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5
RACE AND SEX														
White	90.4	90.9	90.7	90.8	90.7	90.7	91.4	91.3	91.0	91.1	91.2	91.3	91.7	91.5
Men	29.4	29.7	29.7	28.8	28.3	28.2	28.1	28.4	27.8	27.2	27.5	26.8	26.6	26.9
Women	61.1	61.2	61.0	62.1	62.3	62.4	63.3	62.9	63.2	63.9	63.6	64.5	65.1	64.6
Black	([2])	([2])	8.3	8.0	8.0	7.8	7.1	7.1	7.4	7.2	7.1	6.7	6.2	6.2
Men	([2])	([2])	2.4	2.3	2.4	2.4	2.2	2.3	2.4	2.3	2.4	2.2	2.0	2.0
Women	([2])	([2])	5.9	5.7	5.5	5.4	4.9	4.8	5.0	4.9	4.8	4.5	4.3	4.2
SEX AND MARITAL STATUS														
Men:														
Single	20.0	20.1	20.4	19.7	19.5	19.5	19.8	20.0	19.7	19.3	19.4	18.8	18.6	19.1
Married, spouse present	10.6	10.7	10.4	10.3	10.3	10.1	9.5	9.8	9.5	9.4	9.5	9.3	9.1	8.9
Widowed, divorced, or separated	1.5	1.6	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8
Women:														
Single	18.0	18.2	18.7	19.2	19.5	19.8	20.4	20.3	20.8	20.9	20.7	20.6	20.7	20.9
Married, spouse present	41.5	40.8	40.2	40.4	40.4	40.5	40.4	40.0	40.0	40.7	40.4	41.3	41.9	41.6
Widowed, divorced, or separated	8.6	8.7	8.6	8.8	8.7	8.5	8.4	8.4	8.5	8.2	8.3	8.4	8.2	7.9
INDUSTRY														
Wage and salary workers	90.3	90.0	90.2	90.4	90.4	90.2	90.4	90.3	90.5	90.2	90.0	89.9	89.3	88.8
Construction	1.7	1.7	1.8	1.9	1.8	1.6	1.6	1.8	1.9	2.0	1.8	1.6	1.5	1.7
Manufacturing	5.9	5.4	5.5	5.9	5.9	5.0	5.2	5.3	5.4	5.5	5.2	5.0	4.7	4.7
Durable goods	2.4	2.0	2.2	2.5	2.5	1.9	2.0	2.2	2.2	2.3	2.1	2.1	1.9	1.9
Nondurable goods	3.5	3.4	3.4	3.5	3.4	3.1	3.1	3.2	3.2	3.2	3.1	2.9	2.9	2.9
Transportation and public utilities	3.0	2.9	2.9	3.1	3.0	2.8	2.7	2.8	3.0	3.0	2.8	3.0	2.8	2.4
Wholesale and retail trade	31.4	32.0	32.6	33.0	33.5	33.4	33.7	33.6	34.1	33.9	34.0	34.5	33.2	32.6
Finance and services	45.7	45.6	45.0	44.1	43.7	45.0	44.8	44.5	44.0	43.6	43.7	43.6	44.7	45.3
Other industries[3]	2.6	2.4	2.5	2.3	2.5	2.4	2.4	2.3	2.1	2.2	2.4	2.3	2.4	2.1
Self-employed and unpaid family workers	9.7	10.0	9.8	9.6	9.6	9.8	9.6	9.7	9.5	9.8	10.0	10.1	10.7	11.2

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[1] Includes persons who worked 35 hours or more during the survey week and those who usually work full time but worked part time because of illness, bad weather, holidays, personal business, or other temporary noneconomic reasons.

[2] Not available.

[3] Includes mining and public administration.

[4] Includes persons who wanted only part-time work.

Table 21. Persons on part-time schedules for economic reasons by type of industry, sex, and age, 1957-83

(In thousands)

Year	Total	Agriculture	Nonagricultural industries													
			Total	Men						Women						
				Total	16 to 17 years	18 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Total	16 to 17 years	18 to 24 years	25 to 44 years	45 to 64 years	65 years and over
1957	2,469	300	2,169	1,263	99	181	488	418	76	906	58	117	383	315	32
1958	3,280	327	2,953	1,793	114	257	727	607	88	1,161	57	166	482	413	42
1959	2,640	304	2,336	1,320	115	223	494	419	67	1,016	62	140	405	367	41
1960	2,860	300	2,560	1,476	114	251	552	489	70	1,083	75	167	420	385	36
1961	3,142	329	2,813	1,625	127	305	598	527	66	1,188	65	178	460	443	40
1962	2,661	325	2,337	1,308	113	243	476	422	55	1,029	65	171	386	372	34
1963	2,620	332	2,291	1,263	106	255	436	407	59	1,025	65	183	384	355	38
1964	2,455	318	2,137	1,154	106	235	398	368	49	982	60	177	350	359	37
1965	2,209	281	1,928	1,005	108	226	322	310	40	923	55	205	308	325	30
1966[1]	1,894	230	1,664	863	75	195	277	273	43	801	47	164	286	279	27
1967	2,163	250	1,913	987	81	214	331	310	51	925	52	199	312	331	33
1968	1,970	255	1,715	830	90	194	250	250	47	886	55	201	286	314	30
1969	2,056	246	1,810	888	98	210	284	252	45	921	64	212	311	308	27
1970	2,446	247	2,198	1,106	98	285	374	303	46	1,091	70	269	355	362	35
1971	2,688	237	2,451	1,209	104	338	404	317	46	1,241	79	322	410	391	40
1972	2,648	218	2,430	1,180	136	370	364	268	42	1,249	94	340	412	361	41
1973	2,554	211	2,343	1,118	126	355	358	241	38	1,224	96	361	397	331	38
1974	2,988	238	2,751	1,332	129	405	456	295	46	1,419	103	402	472	405	41
1975	3,804	262	3,542	1,763	135	537	635	410	48	1,778	112	540	613	477	37
1976	3,607	273	3,334	1,616	129	548	555	343	44	1,717	112	540	597	432	35
1977	3,608	239	3,369	1,574	140	545	540	302	47	1,794	114	577	641	421	41
1978	3,516	219	3,298	1,473	143	520	516	246	49	1,824	127	561	660	428	49
1979	3,577	204	3,373	1,494	134	503	523	278	53	1,879	113	582	714	428	47
1980	4,321	258	4,064	1,909	132	606	754	364	51	2,155	122	669	821	496	48
1981	4,768	268	4,499	2,079	133	678	809	407	51	2,421	122	723	976	551	49
1982	6,170	318	5,852	2,779	133	857	1,155	573	61	3,073	124	892	1,311	686	61
1983	6,266	269	5,997	2,758	125	929	1,136	508	59	3,240	119	1,001	1,386	675	59

[1] Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.

NOTE: Data refer to persons who worked less than 35 hours during the survey week because of slack work, job changing during the week, material shortages, inability to find full-time work, etc.

Table 22. Percent distribution of nonagricultural workers on part-time schedules for economic reasons by usual full- or part-time status and selected characteristics, 1970-83

Characteristic	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	Usually work full time[1]													
Total:														
Number (thousands)	1,202	1,189	1,091	1,088	1,327	1,650	1,345	1,289	1,286	1,366	1,714	1,738	2,169	1,826
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE														
Men	58.4	57.8	58.6	56.9	57.6	61.0	59.8	58.3	56.8	57.2	59.5	59.8	61.2	59.9
16 to 17 years	1.6	1.5	2.0	2.6	2.3	1.5	1.5	2.0	2.4	1.8	1.6	1.0	.8	.7
18 to 24 years	13.6	13.5	15.6	16.5	15.1	14.3	16.6	16.0	18.2	17.1	14.9	15.1	12.4	13.5
25 to 44 years	23.8	23.1	23.0	21.9	23.7	25.8	24.5	24.9	23.5	24.5	28.5	28.6	30.7	30.3
45 to 64 years	17.7	18.1	16.5	14.4	15.0	18.5	16.2	14.3	11.4	12.5	13.4	14.3	16.4	14.5
65 years and over	1.7	1.5	1.4	1.5	1.5	.9	.9	1.1	1.3	1.1	1.1	.8	1.0	.9
Women	41.6	42.2	41.4	43.1	42.4	39.0	40.2	41.8	43.2	42.9	40.5	40.2	38.8	40.1
16 to 17 years	1.1	.8	.9	1.2	1.4	.9	.9	1.4	1.3	1.0	.9	.8	.6	.4
18 to 24 years	9.7	9.7	9.8	12.2	10.9	8.9	11.0	12.1	12.5	12.3	11.2	10.2	9.1	9.6
25 to 44 years	15.4	16.3	16.1	16.7	16.2	15.7	15.5	16.9	16.0	18.6	17.6	18.2	18.7	19.6
45 to 64 years	14.5	14.5	13.5	11.9	13.3	12.0	12.2	11.0	10.7	10.0	10.3	10.2	9.6	9.5
65 years and over	1.0	.8	1.1	1.0	.7	.6	.5	.6	.7	.8	.6	.7	.8	.9
RACE AND SEX														
White	83.2	83.3	84.5	84.0	84.5	84.5	83.5	84.0	84.1	85.2	86.0	84.6	85.6	84.8
Men	48.4	48.1	49.6	47.6	48.9	51.8	50.0	49.3	47.9	49.4	51.9	51.8	53.7	51.6
Women	34.8	35.2	34.9	36.4	35.6	32.7	33.5	34.7	36.2	35.8	34.1	32.8	31.9	33.1
Black	(2)	(2)	16.5	15.7	15.4	15.4	15.9	15.9	15.8	14.0	13.1	14.0	12.9	12.3
Men	(2)	(2)	10.2	9.9	9.3	9.7	9.8	9.2	9.3	7.8	7.3	7.5	6.8	6.8
Women	(2)	(2)	6.3	5.9	6.1	5.8	6.1	6.7	6.5	6.0	5.8	6.5	6.1	5.4
SEX AND MARITAL STATUS														
Men:														
Single	13.4	13.4	16.4	18.2	15.5	15.1	16.1	17.1	20.2	19.1	17.4	18.0	16.2	17.5
Married, spouse present	40.5	40.0	36.9	34.0	37.2	40.9	38.3	35.3	30.6	31.8	35.8	35.4	38.2	35.2
Widowed, divorced, or separated	4.5	4.5	5.2	4.7	5.0	5.0	5.4	5.8	6.1	6.3	6.4	6.4	6.7	7.2
Women:														
Single	7.6	7.6	8.4	9.2	9.0	8.0	9.4	9.7	10.5	10.4	10.4	10.0	9.1	9.7
Married, spouse present	25.4	26.1	24.4	25.0	24.9	23.5	22.9	23.2	23.8	23.8	22.3	21.6	21.4	21.9
Widowed, divorced, or separated	8.7	8.5	8.6	8.7	8.4	7.6	8.0	8.9	9.0	8.5	7.8	8.5	8.3	8.4
INDUSTRY														
Wage and salary workers	90.3	89.5	88.5	89.1	88.6	88.0	87.6	87.6	88.2	86.6	84.5	82.9	83.9	83.1
Construction	13.2	13.5	15.0	15.1	14.1	14.1	15.3	13.9	13.4	13.6	13.0	13.9	11.6	12.9
Manufacturing	42.2	39.0	33.2	32.1	36.1	36.6	30.5	29.9	29.3	28.3	29.6	27.7	32.3	26.1
Durable goods	18.3	16.0	12.8	12.4	15.0	16.7	12.1	11.5	10.9	11.2	13.8	11.5	16.1	11.3
Nondurable goods	23.9	23.0	20.5	19.7	21.0	19.9	18.3	18.4	18.3	17.1	15.7	16.1	16.2	14.8
Transportation and public utilities	5.2	5.3	6.1	5.7	5.3	5.7	5.2	4.8	5.4	5.3	5.1	5.2	4.9	4.6
Wholesale and retail trade	12.3	14.0	15.8	16.6	15.1	14.8	16.7	17.3	18.2	16.7	16.5	16.0	15.6	17.7
Finance and services	15.0	16.1	16.6	17.6	16.4	15.1	17.9	20.0	20.0	20.1	17.7	18.2	17.2	19.6
Other industries[3]	2.3	1.5	1.8	2.1	1.6	1.7	2.1	1.8	2.0	2.4	2.6	2.0	2.4	2.2
Self-employed and unpaid family workers	9.7	10.5	11.5	10.9	11.4	11.9	12.5	12.4	11.8	13.5	15.5	17.1	16.1	16.9

See footnotes at end of table.

Table 22. Percent distribution of nonagricultural workers on part-time schedules for economic reasons by usual full- or part-time status and selected characteristics, 1970-83—Continued

Characteristic	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	Usually work part time[4]													
Total:														
Number (thousands)	996	1,263	1,339	1,255	1,424	1,891	1,989	2,079	2,012	2,006	2,350	2,761	3,683	4,171
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE														
Men	40.5	41.3	40.4	39.6	39.6	39.9	40.7	39.4	36.6	35.1	37.5	37.6	39.4	39.9
16 to 17 years	7.9	6.8	8.5	7.8	7.0	5.9	5.5	5.5	5.6	5.5	4.5	4.2	3.1	2.7
18 to 24 years	12.2	14.0	14.8	13.8	14.1	15.8	16.0	16.1	14.0	13.2	14.7	15.0	16.0	16.4
25 to 44 years	8.8	10.1	8.2	9.2	9.7	10.7	10.9	10.2	10.2	8.8	10.9	11.4	13.3	14.0
45 to 64 years	9.1	8.1	6.8	6.9	7.0	5.8	6.5	5.9	5.1	5.6	6.0	5.7	5.9	5.8
65 years and over	2.6	2.2	2.0	1.8	1.9	1.8	1.6	1.6	1.7	1.9	1.4	1.3	1.1	1.0
Women	59.5	58.7	59.6	60.4	60.4	60.1	59.3	60.6	63.4	64.9	62.5	62.4	60.6	60.1
16 to 17 years	5.7	5.5	6.3	6.6	5.9	5.2	5.0	4.6	5.5	4.9	4.5	3.9	3.0	2.7
18 to 24 years	15.4	16.3	17.4	18.3	18.1	20.0	19.7	20.4	20.0	20.8	20.4	19.7	18.8	19.8
25 to 44 years	17.1	17.1	17.7	17.2	17.9	18.7	19.5	20.4	21.4	23.0	22.2	23.9	24.6	24.6
45 to 64 years	18.9	17.4	16.1	16.2	16.2	14.8	13.6	13.6	14.6	14.5	13.7	13.5	12.9	12.0
65 years and over	2.3	2.4	2.2	2.2	2.3	1.5	1.4	1.7	2.0	1.8	1.7	1.3	1.2	1.0
RACE AND SEX														
White	74.1	78.4	79.0	80.3	78.9	81.2	81.0	82.2	80.5	80.6	81.9	81.8	81.9	81.6
Men	31.8	33.4	33.1	32.0	31.4	33.3	32.9	32.5	29.5	28.0	30.7	30.7	31.8	31.9
Women	42.3	45.0	45.9	48.3	47.5	47.9	48.0	49.7	51.0	52.8	51.2	51.1	50.1	49.7
Black	(2)	(2)	21.9	20.0	21.4	19.1	19.0	17.1	18.3	18.0	16.8	17.0	16.3	16.0
Men	(2)	(2)	8.3	8.0	8.8	7.3	8.2	6.7	6.9	6.7	6.6	6.6	7.2	6.8
Women	(2)	(2)	13.6	11.9	12.6	11.8	10.8	10.4	11.4	11.3	10.1	10.3	9.1	9.2
SEX AND MARITAL STATUS														
Men:														
Single	21.7	22.9	24.9	23.1	22.3	22.6	23.3	23.5	22.3	20.9	22.1	21.9	21.9	22.5
Married, spouse present	15.6	13.1	12.7	13.0	13.7	13.8	13.8	12.3	11.0	10.7	11.9	12.0	13.5	13.6
Widowed, divorced, or separated	3.3	3.3	2.8	3.4	3.6	3.5	3.6	3.7	3.3	3.5	3.5	3.8	4.1	3.9
Women:														
Single	18.6	18.9	20.8	21.3	20.6	21.1	21.4	21.5	23.4	23.2	22.1	22.1	21.0	21.2
Married, spouse present	25.7	26.5	25.6	26.0	26.9	26.8	26.3	27.1	27.9	29.4	28.3	27.2	27.6	27.5
Widowed, divorced, or separated	15.1	13.2	13.2	13.2	12.9	12.1	11.7	12.1	12.2	12.4	12.1	13.1	12.0	11.5
INDUSTRY														
Wage and salary workers	91.9	91.6	92.2	92.0	91.1	91.6	91.7	92.3	91.9	90.8	91.3	91.1	90.9	91.1
Construction	6.2	6.1	5.0	4.9	5.1	5.3	5.1	5.2	4.7	4.3	4.7	4.8	4.4	4.7
Manufacturing	9.6	8.6	6.8	8.3	8.1	8.4	7.2	6.8	6.6	6.4	7.7	6.7	8.2	6.6
Durable goods	3.1	3.2	1.8	2.8	2.7	3.2	2.7	2.4	2.0	2.1	2.7	2.4	3.3	2.5
Nondurable goods	6.5	5.4	5.0	5.5	5.4	5.3	4.6	4.4	4.6	4.2	5.0	4.3	5.0	4.2
Transportation and public utilities	3.9	3.6	3.4	3.5	3.5	3.7	3.7	3.7	3.9	3.9	3.7	3.7	3.5	3.6
Wholesale and retail trade	26.5	30.0	32.4	31.9	31.3	32.0	33.7	34.2	33.0	35.2	35.1	36.1	35.9	37.0
Finance and services	43.4	41.4	42.3	41.3	41.0	39.5	39.7	40.0	41.1	38.4	37.5	37.7	36.4	37.3
Other industries[3]	2.2	2.0	2.3	2.1	2.2	2.6	2.4	2.4	2.6	2.5	2.7	2.2	2.4	1.8
Self-employed and unpaid family workers	8.5	8.4	7.8	8.0	9.0	8.5	8.2	7.7	8.1	9.2	8.7	8.9	9.1	8.9

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[1] Mainly persons who worked less than 35 hours during the survey week because of slack work, job changing during the week, material shortages, etc.

[2] Not available.

[3] Includes mining and public administration.

[4] Mainly persons who could find only part-time work.

Table 23. Employed civilians with a job but not at work by reason for not working, 1957-83

(In thousands)

Year	All industries	Agriculture	Nonagricultural industries	Reason for not working, all industries				
				Bad weather	Industrial dispute	Vacation	Illness	All other reasons
1957	3,017	196	2,821	139	45	1,447	962	425
1958	3,076	199	2,877	182	59	1,479	882	474
1959	3,161	186	2,974	115	160	1,494	907	484
1960	3,231	190	3,042	168	40	1,576	942	505
1961	3,146	200	2,946	143	56	1,492	898	556
1962	3,281	178	3,103	160	33	1,533	940	615
1963	3,501	174	3,327	106	41	1,655	1,000	698
1964	3,494	169	3,326	108	51	1,635	994	707
1965	3,525	157	3,368	79	48	1,738	1,039	621
1966[1]	3,595	131	3,463	91	66	1,753	1,039	646
1967	3,831	130	3,701	92	107	1,974	1,102	557
1968	4,206	147	4,059	158	109	2,180	1,208	550
1969	4,408	130	4,277	123	111	2,298	1,258	618
1970	4,616	133	4,483	127	156	2,325	1,318	690
1971	4,728	131	4,597	123	145	2,456	1,277	726
1972	4,724	135	4,589	141	78	2,512	1,334	657
1973	4,957	152	4,805	192	75	2,626	1,369	695
1974	5,364	162	5,202	144	149	2,909	1,386	776
1975	5,221	165	5,056	139	95	2,815	1,343	829
1976	5,367	145	5,222	100	116	2,930	1,400	820
1977	5,520	144	5,376	237	120	2,950	1,426	786
1978	5,573	158	5,415	238	100	2,985	1,436	815
1979	5,747	146	5,601	198	123	3,191	1,420	816
1980	5,882	153	5,729	155	105	3,320	1,425	876
1981	5,790	137	5,653	112	64	3,247	1,413	953
1982	5,712	139	5,573	202	36	3,153	1,331	988
1983	5,563	150	5,413	124	91	3,096	1,291	962

[1] Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.

Table 24. Employed nonagricultural wage and salary workers with a job but not at work by pay status, sex, and reason for not working

(In thousands)

Year and pay status	Total[1]	Men	Women	Reason for not working, total: Vacation	Illness	Bad weather	Industrial dispute	All other reasons
TOTAL								
1957	2,504	1,524	980	1,398	740	49	47	270
1958	2,402	1,479	940	1,336	661	75	59	289
1959	2,549	1,579	970	1,340	696	45	160	309
1960	2,575	1,547	1,028	1,414	723	73	40	324
1961	2,504	1,470	1,034	1,349	680	50	56	369
1962	2,651	1,552	1,099	1,400	739	75	33	405
1963	2,847	1,627	1,219	1,519	787	44	41	457
1964	2,87[illegible]	1,653	1,224	1,486	810	44	51	488
1965	2,952	1,713	1,239	1,591	857	32	48	424
1966[2]	3,034	1,744	1,290	1,617	865	42	66	444
1967	3,332	1,930	1,402	1,836	939	40	106	412
1968	3,676	2,105	1,571	2,031	1,040	70	108	428
1969	3,899	2,243	1,656	2,148	1,086	66	110	489
1970	4,059	2,274	1,785	2,170	1,153	61	154	521
1971	4,166	2,282	1,884	2,292	1,121	61	144	548
1972	4,148	2,269	1,879	2,335	1,166	69	78	500
1973	4,367	2,356	2,011	2,451	1,202	112	74	528
1974	4,713	2,557	2,156	2,700	1,212	76	147	576
1975	4,570	2,437	2,134	2,624	1,182	65	94	607
1976	4,755	2,477	2,277	2,727	1,244	48	115	622
1977	4,859	2,582	2,276	2,746	1,261	140	120	592
1978	4,874	2,578	2,296	2,751	1,277	125	99	623
1979	5,055	2,626	2,430	2,951	1,272	104	121	608
1980	5,140	2,621	2,519	3,060	1,267	77	104	631
1981	5,075	2,495	2,580	2,995	1,258	55	62	705
1982	4,941	2,400	2,539	2,895	1,185	112	36	712
1983	4,831	2,358	2,473	2,849	1,151	55	89	687
Paid absences								
1957	1,454	955	499	1,101	285	–	–	69
1958	1,381	913	468	1,067	243	–	–	69
1959	1,418	940	479	1,094	247	–	–	76
1960	1,493	976	517	1,154	255	–	–	83
1961	1,452	940	512	1,105	248	–	–	98
1962	1,529	993	535	1,130	282	–	–	117
1963	1,606	1,042	564	1,202	295	–	–	108
1964	1,627	1,059	568	1,194	312	–	–	119
1965	1,703	1,112	590	1,278	316	–	–	108
1966[2]	1,726	1,100	625	1,267	335	–	–	123
1967	1,878	1,224	654	1,409	367	–	–	102
1968	2,047	1,293	753	1,566	378	–	–	103
1969	2,180	1,401	779	1,650	398	–	–	132
1970	2,173	1,366	808	1,618	436	–	–	119
1971	2,263	1,387	875	1,724	428	–	–	113
1972	2,299	1,423	876	1,723	461	–	–	115
1973	2,363	1,457	907	1,754	472	–	–	137
1974	2,603	1,602	1,002	1,957	510	–	–	135
1975	2,538	1,534	1,005	1,890	506	–	–	142
1976	2,598	1,562	1,037	1,919	534	–	–	145
1977	2,687	1,626	1,062	1,965	551	–	–	171
1978	2,691	1,595	1,095	1,961	554	–	–	176
1979	2,813	1,617	1,196	2,086	551	–	–	176
1980	2,906	1,639	2,498	2,185	536	–	–	186
1981	2,934	1,625	1,309	2,137	582	–	–	216
1982	2,870	1,575	1,294	2,088	565	–	–	217
1983	2,777	1,532	1,245	2,063	513	–	–	201

See footnotes at end of table.

Table 24. Employed nonagricultural wage and salary workers with a job but not at work by pay status, sex, and reason for not working—Continued

(In thousands)

Year and pay status	Total[1]	Men	Women	Reason for not working, total: Vacation	Illness	Bad weather	Industrial dispute	All other reasons
Unpaid absences								
1957	1,050	569	481	297	455	-	-	300
1958	1,039	566	472	269	418	-	-	354
1959	1,131	640	491	246	449	-	-	437
1960	1,082	570	511	261	468	-	-	353
1961	1,052	530	522	244	432	-	-	376
1962	1,122	560	562	270	457	-	-	396
1963	1,241	586	654	317	492	-	-	433
1964	1,249	593	656	291	498	-	-	460
1965	1,249	601	648	316	540	-	-	396
1966[2]	1,308	644	665	350	529	-	-	430
1967	1,454	706	748	427	572	-	-	455
1968	1,629	811	817	465	662	-	-	502
1969	1,719	842	878	498	688	-	-	533
1970	1,887	908	978	553	718	-	-	616
1971	1,904	893	1,009	568	694	-	-	640
1972	1,850	848	1,002	612	705	-	-	533
1973	2,003	899	1,103	697	729	-	-	577
1974	2,110	956	1,153	744	701	-	-	665
1975	2,032	901	1,129	734	676	-	-	622
1976	2,158	915	1,241	809	709	-	-	640
1977	2,171	956	1,215	780	710	-	-	681
1978	2,183	981	1,202	791	723	-	-	671
1979	2,243	1,008	1,234	865	721	-	-	656
1980	2,233	981	1,252	875	731	-	-	627
1981	2,141	870	1,272	858	676	-	-	607
1982	2,071	825	1,245	807	620	-	-	643
1983	2,051	822	1,226	786	638	-	-	627

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[1] Excludes private household workers.

[2] Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.

NOTE: Pay status is not available separately for bad weather and industrial dispute; these categories are included in "all other reasons". Estimates for "all other reasons" by pay status may be biased because of high response variance and should be used with caution.

Table 25. Major unemployment indicators, 1948-83

(Unemployment rates)

Year	All civilian workers	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	Both sexes, 25 years and over	White	Black and other	Black	Hispanic origin	Married men	Full-time workers	Part-time workers	Unemployed 15 weeks and over[1]	Labor force time lost[2]
1948	3.8	3.2	3.6	9.2	2.9	3.5	5.9	–	–	–	–	–	0.5	–
1949	5.9	5.4	5.3	13.4	4.8	5.6	8.9	–	–	–	–	–	1.1	–
1950	5.3	4.7	5.1	12.2	4.4	4.9	9.0	–	–	–	–	–	1.3	–
1951	3.3	2.5	4.0	8.2	2.8	3.1	5.3	–	–	–	–	–	.5	–
1952	3.0	2.4	3.2	8.5	2.4	2.8	5.4	–	–	–	–	–	.4	–
1953	2.9	2.5	2.9	7.6	2.4	2.7	4.5	–	–	–	–	–	.3	–
1954	5.5	4.9	5.5	12.6	4.7	5.0	9.9	–	–	–	–	–	1.3	–
1955	4.4	3.8	4.4	11.0	3.6	3.9	8.7	–	–	2.6	–	–	1.1	4.8
1956	4.1	3.4	4.2	11.1	3.3	3.6	8.3	–	–	2.3	–	–	.8	5.1
1957	4.3	3.6	4.1	11.6	3.4	3.8	7.9	–	–	2.8	–	–	.8	5.3
1958	6.8	6.2	6.1	15.9	5.6	6.1	12.6	–	–	5.1	–	–	2.1	8.1
1959	5.5	4.7	5.2	14.6	4.4	4.8	10.7	–	–	3.6	–	–	1.5	6.6
1960	5.5	4.7	5.1	14.7	4.4	5.0	10.2	–	–	3.7	–	–	1.4	6.7
1961	6.7	5.7	6.3	16.8	5.4	6.0	12.4	–	–	4.6	–	–	2.2	8.0
1962	5.5	4.6	5.4	14.7	4.4	4.9	10.9	–	–	3.6	–	–	1.6	6.7
1963	5.7	4.5	5.4	17.2	4.3	5.0	10.8	–	–	3.4	5.5	7.3	1.5	6.4
1964	5.2	3.9	5.2	16.2	3.8	4.6	9.6	–	–	2.8	4.9	7.2	1.3	5.8
1965	4.5	3.2	4.5	14.8	3.2	4.1	8.1	–	–	2.4	4.2	6.7	1.0	5.0
1966	3.8	2.5	3.8	12.8	2.6	3.4	7.3	–	–	1.9	3.5	6.2	.7	4.2
1967	3.8	2.3	4.2	12.9	2.6	3.4	7.4	–	–	1.8	3.4	6.9	.6	4.1
1968	3.6	2.2	3.8	12.7	2.3	3.2	6.7	–	–	1.6	3.1	6.5	.5	3.9
1969	3.5	2.1	3.7	12.2	2.2	3.1	6.4	–	–	1.5	3.1	6.2	.5	3.8
1970	4.9	3.5	4.8	15.3	3.3	4.5	8.2	–	–	2.6	4.5	7.6	.8	5.2
1971	5.9	4.4	5.7	16.9	4.0	5.4	9.9	–	–	3.2	5.5	8.7	1.4	6.2
1972	5.6	4.0	5.4	16.2	3.6	5.1	10.0	10.4	–	2.8	5.1	8.6	1.3	5.9
1973	4.9	3.3	4.9	14.5	3.1	4.3	9.0	9.4	7.5	2.3	4.4	7.9	.9	5.2
1974	5.6	3.8	5.5	16.0	3.6	5.0	9.9	10.5	8.1	2.7	5.1	8.6	1.0	6.1
1975	8.5	6.8	8.0	19.9	6.0	7.8	13.8	14.8	12.2	5.1	8.1	10.3	2.7	9.1
1976	7.7	5.9	7.4	19.0	5.5	7.0	13.1	14.0	11.5	4.2	7.3	10.1	2.5	8.3
1977	7.1	5.2	7.0	17.8	4.9	6.2	13.1	14.0	10.1	3.6	6.6	9.9	2.0	7.6
1978	6.1	4.3	6.0	16.4	4.1	5.2	11.9	12.8	9.1	2.8	5.6	9.0	1.4	6.5
1979	5.8	4.2	5.7	16.1	3.9	5.1	11.3	12.3	8.3	2.8	5.3	8.8	1.2	6.3
1980	7.1	5.9	6.4	17.8	5.1	6.3	13.1	14.3	10.1	4.2	6.9	8.8	1.7	7.9
1981	7.6	6.3	6.8	19.6	5.4	6.7	14.2	15.6	10.4	4.3	7.3	9.4	2.1	8.5
1982	9.7	8.8	8.3	23.2	7.4	8.6	17.3	18.9	13.8	6.5	9.6	10.5	3.2	11.0
1983	9.6	8.9	8.1	22.4	7.5	8.4	17.8	19.5	13.7	6.5	9.5	10.4	3.8	10.9

[1] Unemployment rate calculated as a percent of the civilian labor force.

[2] Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

Table 26. Unemployed persons by sex, race and age, 1948-83

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL											
1948	2,276	409	180	228	1,869	455	457	347	290	226	93
1949	3,637	576	238	337	3,060	680	776	603	471	384	146
1950	3,288	513	226	287	2,776	561	702	530	478	368	137
1951	2,055	336	168	168	1,718	273	435	354	318	238	103
1952	1,883	345	180	165	1,539	268	389	325	274	195	86
1953	1,834	307	150	157	1,529	256	379	325	280	218	70
1954	3,532	501	221	247	3,032	504	793	680	548	374	132
1955	2,852	450	211	239	2,403	396	577	521	436	355	120
1956	2,750	478	231	247	2,274	395	554	476	429	311	109
1957	2,859	497	230	266	2,362	430	573	499	448	300	111
1958	4,602	678	299	379	3,923	701	993	871	731	472	154
1959	3,740	654	301	354	3,085	543	726	673	603	405	135
1960	3,852	712	325	387	3,140	583	752	671	614	396	122
1961	4,714	828	363	465	3,886	723	890	850	751	516	159
1962	3,911	721	312	409	3,191	636	712	688	605	411	141
1963	4,070	884	420	462	3,187	658	732	674	589	410	126
1964	3,786	872	436	437	2,913	660	607	605	543	378	117
1965	3,366	874	411	463	2,491	557	529	546	436	322	103
1966	2,875	837	395	441	2,041	446	441	426	369	265	92
1967	2,975	839	400	438	2,140	511	480	422	383	256	86
1968	2,817	838	414	426	1,978	543	443	371	314	219	88
1969	2,832	853	436	416	1,978	560	453	358	320	216	72
1970	4,093	1,106	537	569	2,987	866	718	515	476	309	104
1971	5,016	1,262	596	665	3,755	1,130	933	630	573	381	109
1972	4,882	1,308	633	676	3,573	1,132	878	576	510	368	111
1973	4,365	1,235	634	600	3,130	1,008	866	451	430	290	88
1974	5,156	1,422	699	722	3,733	1,212	1,044	559	498	321	99
1975	7,929	1,767	799	968	6,161	1,865	1,776	951	893	520	155
1976	7,406	1,719	796	924	5,687	1,714	1,710	849	758	510	147
1977	6,991	1,663	781	881	5,330	1,629	1,650	785	666	450	147
1978	6,202	1,583	796	787	4,620	1,483	1,422	694	552	345	123
1979	6,137	1,555	739	816	4,583	1,442	1,446	705	540	346	104
1980	7,637	1,669	778	890	5,969	1,835	2,024	940	676	399	94
1981	8,273	1,763	781	981	6,510	1,976	2,211	1,065	715	444	98
1982	10,678	1,977	831	1,145	8,701	2,392	3,037	1,552	966	647	107
1983	10,717	1,829	753	1,076	8,888	2,330	3,078	1,650	1,039	677	114
Men											
1948	1,559	256	113	142	1,305	324	289	233	201	177	81
1949	2,572	353	145	207	2,219	485	539	414	347	310	125
1950	2,239	318	139	179	1,922	377	467	348	327	286	117
1951	1,221	191	102	89	1,029	155	241	192	193	162	87
1952	1,185	205	116	89	980	155	233	192	182	145	73
1953	1,202	184	94	90	1,019	152	236	208	196	167	60
1954	2,344	310	142	168	2,035	327	517	431	372	275	112
1955	1,854	274	134	140	1,580	248	353	328	285	265	102
1956	1,711	269	134	135	1,442	240	348	278	270	216	90
1957	1,841	300	140	159	1,541	283	349	304	302	220	83
1958	3,098	416	185	231	2,681	478	685	552	492	349	124
1959	2,420	398	191	207	2,022	343	484	407	390	287	112
1960	2,486	426	200	225	2,060	369	492	415	392	294	96
1961	2,997	479	221	258	2,518	458	585	507	473	375	122
1962	2,423	408	188	220	2,016	381	445	404	382	300	103
1963	2,472	501	248	252	1,971	396	445	386	358	290	97
1964	2,205	487	257	230	1,718	384	345	324	319	263	85
1965	1,914	479	247	232	1,435	311	292	283	253	221	75
1966	1,551	432	220	212	1,120	221	239	219	196	179	65
1967	1,508	448	241	207	1,060	235	219	185	199	163	60
1968	1,419	426	234	193	993	258	205	171	165	132	61
1969	1,403	440	244	196	963	270	205	155	157	127	48
1970	2,238	599	306	294	1,638	479	391	253	247	198	71
1971	2,789	693	346	347	2,097	640	513	320	313	239	71
1972	2,659	711	357	355	1,948	628	466	284	272	227	73
1973	2,275	653	352	300	1,624	528	439	211	219	171	57
1974	2,714	757	394	362	1,957	649	546	266	250	183	63
1975	4,442	966	445	521	3,476	1,081	986	507	499	302	103

Table 26. Unemployed persons by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men—Continued											
1976	4,036	939	443	496	3,098	951	914	431	411	296	94
1977	3,667	874	421	453	2,794	877	869	373	326	252	97
1978	3,142	813	426	388	2,328	768	691	314	277	198	81
1979	3,120	811	393	418	2,308	744	699	329	272	196	67
1980	4,267	913	429	485	3,353	1,076	1,137	482	357	243	58
1981	4,577	962	431	531	3,615	1,144	1,213	552	390	261	55
1982	6,179	1,090	469	621	5,089	1,407	1,791	879	550	393	69
1983	6,260	1,003	408	595	5,257	1,369	1,822	947	613	433	73
Women											
1948	717	153	67	86	564	131	168	114	89	49	12
1949	1,065	223	93	130	841	195	237	189	124	74	21
1950	1,049	195	87	108	854	184	235	182	151	82	20
1951	834	145	66	79	689	118	194	162	125	76	16
1952	698	140	64	76	559	113	156	133	92	50	13
1953	632	123	56	67	510	104	143	117	84	51	10
1954	1,188	191	79	79	997	177	276	249	176	99	20
1955	998	176	77	99	823	148	224	193	151	90	18
1956	1,039	209	97	112	832	155	206	198	159	95	19
1957	1,018	197	90	107	821	147	224	195	146	80	28
1958	1,504	262	114	148	1,242	223	308	319	239	123	30
1959	1,320	256	110	147	1,063	200	242	266	213	118	23
1960	1,366	286	125	162	1,080	214	260	256	222	102	26
1961	1,717	349	142	207	1,368	265	305	343	278	141	37
1962	1,488	313	124	189	1,175	255	267	284	223	111	38
1963	1,598	383	172	210	1,216	262	287	288	231	120	29
1964	1,581	385	179	207	1,195	276	262	281	224	115	32
1965	1,452	395	164	231	1,056	246	237	263	183	101	28
1966	1,324	405	175	229	921	225	202	207	173	86	27
1967	1,468	391	159	231	1,078	277	261	237	184	93	26
1968	1,397	412	180	233	985	285	238	200	149	87	27
1969	1,429	413	192	220	1,015	290	248	203	163	89	24
1970	1,855	506	231	275	1,349	387	327	262	229	111	33
1971	2,227	568	250	318	1,658	489	420	310	260	142	38
1972	2,222	598	276	322	1,625	503	413	293	237	141	38
1973	2,089	583	282	301	1,507	480	427	240	212	119	31
1974	2,441	665	305	360	1,777	564	497	294	248	137	36
1975	3,486	802	355	447	2,684	783	791	444	395	219	52
1976	3,369	780	352	429	2,588	763	795	417	346	214	53
1977	3,324	789	361	428	2,535	752	782	412	340	198	50
1978	3,061	769	370	399	2,292	714	731	381	275	148	43
1979	3,018	743	346	396	2,276	697	748	375	268	150	38
1980	3,370	755	349	407	2,615	760	886	459	318	155	36
1981	3,696	800	350	450	2,895	833	998	513	325	184	43
1982	4,499	886	362	524	3,613	985	1,246	673	416	254	38
1983	4,457	825	344	481	3,632	961	1,255	703	427	244	41
WHITE											
1954	2,859	423	191	232	2,436	394	610	540	447	329	115
1955	2,252	373	181	191	1,879	304	412	402	358	300	105
1956	2,159	382	191	191	1,777	297	406	363	355	258	98
1957	2,289	401	195	204	1,888	331	425	401	373	262	98
1958	3,680	541	245	297	3,139	541	756	686	614	405	136
1959	2,946	525	255	270	2,421	406	526	525	496	348	120
1960	3,065	575	273	302	2,490	456	573	520	502	330	109
1961	3,743	669	295	374	3,074	566	668	652	611	438	139
1962	3,052	580	262	318	2,472	488	515	522	485	345	117
1963	3,208	708	350	358	2,500	501	540	518	485	349	107
1964	2,999	708	365	342	2,291	508	441	472	447	323	100
1965	2,691	705	329	374	1,986	437	399	427	358	276	91
1966	2,255	651	315	336	1,604	338	323	336	298	227	80
1967	2,338	635	311	325	1,703	393	360	336	321	221	75
1968	2,226	644	326	318	1,582	422	330	297	269	187	80
1969	2,260	660	351	309	1,601	432	354	294	269	185	66
1970	3,339	871	438	432	2,468	679	570	433	415	275	95
1971	4,085	1,011	491	521	3,074	887	732	517	500	338	100

Table 26. Unemployed persons by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years: Total	16 to 19 years: 16 to 17 years	16 to 19 years: 18 to 19 years	20 years and over: Total	20 years and over: 20 to 24 years	20 years and over: 25 to 34 years	20 years and over: 35 to 44 years	20 years and over: 45 to 54 years	20 years and over: 55 to 64 years	20 years and over: 65 years and over
WHITE—Continued											
1972	3,906	1,021	515	506	2,885	887	679	459	439	324	95
1973	3,442	955	513	443	2,486	758	664	358	371	257	77
1974	4,097	1,104	561	544	2,993	925	821	448	427	283	88
1975	6,421	1,413	657	755	5,007	1,474	1,413	774	753	460	136
1976	5,914	1,364	649	715	4,550	1,326	1,329	682	637	448	128
1977	5,441	1,284	636	648	4,157	1,195	1,255	621	569	388	129
1978	4,698	1,189	631	558	3,509	1,059	1,059	543	453	290	104
1979	4,664	1,193	589	603	3,472	1,038	1,068	545	443	290	87
1980	5,884	1,291	625	666	4,593	1,364	1,528	740	550	335	74
1981	6,343	1,374	629	745	4,968	1,449	1,658	827	578	379	77
1982	8,241	1,534	683	851	6,707	1,770	2,283	1,223	796	549	86
1983	8,128	1,387	609	778	6,741	1,678	2,282	1,294	837	563	88
Men											
1954	1,913	266	125	142	1,647	260	408	341	299	241	98
1955	1,478	232	114	117	1,246	196	260	246	233	223	89
1956	1,366	221	112	108	1,145	186	265	212	225	177	81
1957	1,477	243	118	124	1,234	222	257	239	250	193	73
1958	2,489	333	149	184	2,156	382	525	436	404	299	110
1959	1,903	318	162	156	1,585	256	350	316	320	245	98
1960	1,988	341	167	174	1,647	295	376	330	317	243	86
1961	2,398	384	176	208	2,014	370	442	395	382	318	107
1962	1,915	334	158	176	1,581	300	332	311	308	246	84
1963	1,976	407	211	196	1,569	309	342	297	294	246	80
1964	1,779	400	217	183	1,379	310	262	255	266	216	70
1965	1,556	387	200	186	1,169	254	226	228	206	190	67
1966	1,241	340	178	162	901	172	185	173	160	154	57
1967	1,208	342	186	156	866	185	171	153	167	140	52
1968	1,142	328	185	143	814	206	162	140	142	111	55
1969	1,137	343	198	145	794	214	165	130	134	108	43
1970	1,857	485	255	230	1,372	388	316	212	216	177	64
1971	2,309	562	288	275	1,747	513	418	268	272	211	66
1972	2,173	564	288	276	1,610	506	375	231	237	199	60
1973	1,836	513	284	229	1,323	411	353	166	188	153	51
1974	2,169	584	311	274	1,585	505	434	218	213	161	53
1975	3,627	785	369	416	2,841	871	796	412	411	265	86
1976	3,258	754	368	385	2,504	750	730	346	341	259	78
1977	2,883	672	342	330	2,211	660	682	297	276	213	82
1978	2,411	615	338	277	1,797	558	525	250	227	169	68
1979	2,405	633	319	313	1,773	553	526	253	220	165	56
1980	3,345	716	347	369	2,629	827	884	378	291	206	44
1981	3,580	755	349	406	2,825	869	943	433	317	221	42
1982	4,846	854	387	467	3,991	1,066	1,385	696	460	331	53
1983	4,859	761	328	433	4,098	1,019	1,410	755	497	362	54
Women											
1954	946	157	66	90	789	134	202	199	148	88	17
1955	774	141	67	74	633	108	152	156	125	77	16
1956	793	161	79	83	632	111	141	151	130	81	17
1957	812	158	77	80	654	109	168	162	123	69	25
1958	1,191	208	96	113	983	159	231	250	210	106	26
1959	1,043	207	93	114	836	150	176	209	176	103	22
1960	1,077	234	106	128	843	161	197	190	185	87	23
1961	1,345	285	119	166	1,060	196	226	257	229	120	32
1962	1,137	246	104	142	891	188	183	211	177	99	33
1963	1,232	301	139	162	931	192	198	221	191	103	27
1964	1,220	308	148	159	912	198	179	217	181	107	30
1965	1,135	318	129	188	817	183	173	199	152	86	24
1966	1,014	311	137	174	703	166	138	163	138	73	23
1967	1,130	293	125	169	837	209	189	183	154	81	23
1968	1,084	316	141	175	768	216	168	157	127	76	25
1969	1,123	317	153	164	806	218	189	164	135	77	23
1970	1,482	386	183	202	1,096	291	254	221	199	98	31
1971	1,777	449	203	246	1,328	376	314	249	228	126	34
1972	1,733	457	227	230	1,275	381	304	227	202	125	35
1973	1,606	442	228	214	1,164	347	311	192	183	104	26

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Table 26. Unemployed persons by sex, race and age, 1948-83—Continued

(In thousands)

Year, sex, and race	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued											
1974	1,927	519	250	270	1,408	420	387	230	214	122	35
1975	2,794	628	288	340	2,166	602	617	362	342	195	49
1976	2,656	611	280	330	2,045	577	598	336	296	188	49
1977	2,558	612	294	318	1,946	536	573	323	293	175	47
1978	2,287	574	292	281	1,713	500	533	294	226	122	37
1979	2,260	560	270	290	1,699	485	542	293	223	125	32
1980	2,540	576	278	298	1,964	537	645	362	259	129	31
1981	2,762	620	281	339	2,143	580	715	394	261	158	36
1982	3,395	680	296	384	2,715	704	898	527	337	217	33
1983	3,270	626	282	345	2,643	659	872	539	340	201	33
BLACK											
1972	906	279	113	167	627	226	183	106	62	37	12
1973	846	262	114	148	584	231	181	82	53	29	9
1974	965	297	127	170	686	261	201	95	65	33	10
1975	1,369	330	130	200	1,040	362	321	157	126	54	17
1976	1,334	330	134	195	1,005	350	338	145	101	54	16
1977	1,393	354	135	218	1,040	397	355	140	81	51	16
1978	1,330	360	150	210	972	379	320	127	82	47	17
1979	1,319	333	137	197	986	369	335	137	82	48	15
1980	1,553	343	134	210	1,209	426	433	171	109	53	18
1981	1,731	357	138	219	1,374	483	493	207	119	55	17
1982	2,142	396	130	266	1,747	565	662	278	141	84	17
1983	2,272	392	125	267	1,879	591	700	299	174	95	21
Men											
1972	448	143	66	77	305	113	84	45	31	23	9
1973	395	128	62	66	267	108	75	37	27	16	5
1974	494	159	75	82	336	129	103	41	35	19	8
1975	741	170	71	100	571	195	169	83	78	33	13
1976	698	170	69	103	528	185	166	73	60	32	13
1977	698	187	73	114	512	197	170	63	40	31	12
1978	641	180	80	101	462	185	148	53	40	24	11
1979	636	164	68	97	473	174	152	66	44	27	10
1980	815	179	72	108	636	222	222	88	60	32	12
1981	881	188	73	115	703	248	245	102	65	32	10
1982	1,167	213	72	141	954	304	355	154	74	54	12
1983	1,213	211	70	142	1,002	313	358	162	96	59	14
Women											
1972	458	136	47	90	322	113	99	61	31	14	3
1973	451	134	51	82	317	123	105	45	26	13	4
1974	470	139	51	87	331	132	98	55	30	14	2
1975	629	160	60	100	469	167	153	75	48	22	4
1976	637	160	66	93	477	165	172	73	41	23	3
1977	695	167	63	104	528	200	185	77	41	21	4
1978	690	179	70	110	510	194	173	74	41	23	6
1979	683	169	69	100	513	195	183	71	38	21	5
1980	738	164	62	102	574	204	211	83	49	21	6
1981	840	169	65	104	671	235	248	105	54	23	7
1982	975	182	58	124	793	261	307	123	67	29	5
1983	1,059	181	56	125	878	278	342	137	77	38	7

Table 27. Unemployment rates by sex, race, Hispanic origin and age, 1948-83

(Civilian workers)

Year, sex, race, and Hispanic origin	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL											
1948	3.8	9.2	10.1	8.6	3.3	6.2	3.2	2.6	2.7	3.1	3.2
1949	5.9	13.4	14.0	13.0	5.4	9.3	5.4	4.4	4.2	5.2	4.9
1950	5.3	12.2	13.6	11.2	4.8	7.7	4.8	3.8	4.2	4.8	4.5
1951	3.3	8.2	9.6	7.1	3.0	4.1	3.0	2.5	2.7	3.1	3.4
1952	3.0	8.5	10.0	7.3	2.7	4.6	2.6	2.3	2.3	2.4	2.9
1953	2.9	7.6	8.7	6.8	2.6	4.7	2.5	2.2	2.3	2.7	2.2
1954	5.5	12.6	13.5	10.7	5.1	9.2	5.3	4.5	4.4	4.5	4.1
1955	4.4	11.0	12.3	10.0	3.9	7.0	3.8	3.4	3.4	4.2	3.6
1956	4.1	11.1	12.3	10.2	3.7	6.6	3.7	3.0	3.2	3.5	3.2
1957	4.3	11.6	12.5	10.9	3.8	7.1	3.9	3.1	3.3	3.4	3.4
1958	6.8	15.9	16.4	15.5	6.2	11.2	6.8	5.4	5.2	5.2	4.8
1959	5.5	14.6	15.3	14.0	4.8	8.5	5.0	4.2	4.2	4.4	4.3
1960	5.5	14.7	15.5	14.1	4.8	8.7	5.2	4.1	4.1	4.2	3.8
1961	6.7	16.8	18.3	15.8	5.9	10.4	6.2	5.2	5.0	5.4	5.1
1962	5.5	14.7	16.3	13.6	4.9	9.0	5.1	4.1	4.0	4.2	4.5
1963	5.7	17.2	19.3	15.6	4.8	8.8	5.2	4.0	3.8	4.1	4.1
1964	5.2	16.2	17.8	14.9	4.3	8.3	4.3	3.6	3.5	3.7	3.8
1965	4.5	14.8	16.5	13.5	3.6	6.7	3.7	3.2	2.8	3.1	3.3
1966	3.8	12.8	14.8	11.3	2.9	5.3	3.1	2.5	2.3	2.5	3.0
1967	3.8	12.9	14.6	11.6	3.0	5.7	3.2	2.5	2.4	2.4	2.8
1968	3.6	12.7	14.7	11.2	2.7	5.8	2.8	2.2	1.9	2.0	2.8
1969	3.5	12.2	14.5	10.5	2.7	5.7	2.8	2.2	1.9	1.9	2.2
1970	4.9	15.3	17.1	13.8	4.0	8.2	4.2	3.1	2.8	2.7	3.2
1971	5.9	16.9	18.7	15.5	4.9	10.0	5.3	3.9	3.4	3.3	3.5
1972	5.6	16.2	18.5	14.6	4.5	9.3	4.6	3.5	3.0	3.2	3.6
1973	4.9	14.5	17.3	12.4	3.9	7.8	4.2	2.7	2.5	2.6	3.0
1974	5.6	16.0	18.3	14.3	4.5	9.1	4.8	3.3	2.9	2.8	3.4
1975	8.5	19.9	21.4	18.9	7.3	13.6	7.8	5.6	5.2	4.6	5.2
1976	7.7	19.0	21.1	17.5	6.5	12.0	7.1	4.9	4.5	4.5	5.1
1977	7.1	17.8	19.9	16.2	5.9	11.0	6.5	4.4	3.9	3.9	5.0
1978	6.1	16.4	19.3	14.2	5.0	9.6	5.3	3.7	3.3	2.9	4.0
1979	5.8	16.1	18.1	14.7	4.8	9.1	5.2	3.6	[illegible]	2.9	3.4
1980	7.1	17.8	20.0	16.2	6.1	11.5	6.9	4.6	4.6	3.3	3.1
1981	7.6	19.6	21.4	18.4	6.5	12.3	7.3	5.0	4.2	3.7	3.2
1982	9.7	23.2	24.9	22.1	8.6	14.9	9.7	6.9	5.7	5.4	3.5
1983	9.6	22.4	24.5	21.1	8.6	14.5	8.7	7.0	6.2	5.6	3.7
Men											
1948	3.6	9.8	10.2	9.5	3.2	6.9	2.8	2.4	2.5	3.1	3.4
1949	5.9	14.3	13.7	14.6	5.4	10.4	5.2	4.3	4.3	5.4	5.1
1950	5.1	12.7	13.3	12.3	4.7	8.1	4.4	3.6	4.0	4.9	4.8
1951	2.8	8.1	9.4	7.0	2.5	3.9	2.3	2.0	2.4	2.8	3.5
1952	2.8	8.9	10.5	7.4	2.4	4.6	2.2	1.9	2.2	2.4	3.0
1953	2.8	7.9	8.8	7.2	2.5	5.0	2.2	2.0	2.3	2.8	2.4
1954	5.3	13.5	13.9	13.2	4.9	10.7	4.8	4.1	4.3	4.9	4.4
1955	4.2	11.6	12.5	10.8	3.8	7.7	3.3	3.1	3.2	4.3	4.0
1956	3.8	11.1	11.7	10.5	3.4	6.9	3.3	2.6	3.0	3.5	3.5
1957	4.1	12.4	12.4	12.3	3.6	7.8	3.3	2.8	3.3	3.5	3.4
1958	6.8	17.1	16.3	17.8	6.2	12.7	6.5	5.1	5.3	5.5	5.2
1959	5.2	15.3	15.8	14.9	4.7	8.7	4.7	3.7	4.1	4.5	4.8
1960	5.4	15.3	15.5	15.0	4.7	8.9	4.8	3.8	4.1	4.6	4.2
1961	6.4	17.1	18.3	16.3	5.7	10.8	5.7	4.6	4.9	5.7	5.5
1962	5.2	14.7	16.0	13.8	4.6	8.9	4.5	3.6	3.9	4.6	4.6
1963	5.2	17.2	18.8	15.9	4.5	8.8	4.5	3.5	3.6	4.3	4.5
1964	4.6	15.8	17.1	14.6	3.9	8.1	3.5	2.9	3.2	3.9	4.0
1965	4.0	14.1	16.1	12.4	3.2	6.4	2.9	2.5	2.5	3.3	3.5
1966	3.2	11.7	13.7	10.2	2.5	4.6	2.4	2.0	1.9	2.6	3.1
1967	3.1	12.3	14.5	10.5	2.3	4.7	2.1	1.7	2.0	2.3	2.8
1968	2.9	11.6	13.9	9.7	2.2	5.1	1.9	1.6	1.6	1.9	2.8
1969	2.8	11.4	13.8	9.3	2.1	5.1	1.9	1.5	1.5	1.8	2.2
1970	4.4	15.0	16.9	13.4	3.5	8.4	3.5	2.4	2.4	2.8	3.3
1971	5.3	16.6	18.7	15.0	4.4	10.3	4.4	3.1	3.0	3.3	3.4

Table 27. Unemployment rates by sex, race, Hispanic origin and age, 1948-83—Continued

(Civilian workers)

Year, sex, race, and Hispanic origin	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men—Continued											
1972	5.0	15.9	18.3	14.1	4.0	9.3	3.8	2.7	2.6	3.2	3.6
1973	4.2	13.9	17.0	11.4	3.3	7.3	3.4	2.0	2.1	2.4	3.0
1974	4.9	15.6	18.4	13.3	3.8	8.8	4.0	2.6	2.4	2.6	3.3
1975	7.9	20.1	21.6	19.0	6.8	14.3	6.9	4.9	4.8	4.3	5.4
1976	7.1	19.2	21.4	17.6	5.9	12.1	6.2	4.1	4.0	4.2	5.1
1977	6.3	17.3	19.5	15.6	5.2	10.8	5.7	3.5	3.2	3.6	5.2
1978	5.3	15.8	19.1	13.3	4.3	9.2	4.4	2.8	2.7	2.8	4.2
1979	5.1	15.9	17.9	14.3	4.2	8.7	4.3	2.9	2.7	2.7	3.4
1980	6.9	18.3	20.4	16.7	5.9	12.5	6.7	4.1	3.6	3.4	3.1
1981	7.4	20.1	22.0	18.8	6.3	13.2	6.9	4.5	4.0	3.6	2.9
1982	9.9	24.4	26.4	23.1	8.8	16.4	10.1	6.9	5.6	5.5	3.7
1983	9.9	23.3	25.2	22.2	8.9	15.9	10.1	7.1	6.3	6.1	3.9
Women											
1948	4.1	8.3	10.0	7.4	3.6	4.8	4.3	3.0	3.0	3.1	2.3
1949	6.0	12.3	14.4	11.2	5.3	7.3	5.9	4.7	4.0	4.4	3.8
1950	5.7	11.4	14.2	9.8	5.1	6.9	5.7	4.4	4.5	4.5	3.4
1951	4.4	8.3	10.0	7.2	4.0	4.4	4.5	3.8	3.5	4.0	2.9
1952	3.6	8.0	9.1	7.3	3.2	4.5	3.6	3.0	2.5	2.5	2.2
1953	3.3	7.2	8.5	6.4	2.9	4.3	3.4	2.5	2.3	2.5	1.4
1954	6.0	11.4	12.7	7.7	5.5	7.3	6.6	5.3	4.6	4.6	3.0
1955	4.9	10.2	12.0	9.1	4.4	6.1	5.3	4.0	3.6	3.8	2.3
1956	4.8	11.2	13.2	9.9	4.2	6.3	4.8	3.9	3.6	3.6	2.3
1957	4.7	10.6	12.6	9.4	4.1	6.0	5.3	3.8	3.2	3.0	3.4
1958	6.8	14.3	16.6	12.9	6.1	8.9	7.3	6.2	4.9	4.5	3.7
1959	5.9	13.5	14.4	13.0	5.2	8.1	5.9	5.1	4.2	4.1	2.8
1960	5.9	13.9	15.5	12.9	5.1	8.3	6.3	4.8	4.2	3.4	2.9
1961	7.2	16.3	18.3	15.1	6.3	9.8	7.4	6.4	5.1	4.5	4.0
1962	6.2	14.6	16.7	13.5	5.4	9.1	6.5	5.2	4.1	3.5	4.2
1963	6.5	17.2	20.2	15.2	5.4	8.9	6.9	5.1	4.2	3.6	3.2
1964	6.2	16.6	18.8	15.2	5.2	8.6	6.3	5.0	3.9	3.3	3.3
1965	5.5	15.7	17.2	14.8	4.5	7.3	5.5	4.6	3.2	2.8	2.9
1966	4.8	14.1	16.6	12.6	3.8	6.3	4.5	3.6	2.9	2.3	2.8
1967	5.2	13.5	14.8	12.8	4.2	7.0	5.4	4.1	3.1	2.4	2.7
1968	4.8	14.0	15.9	12.9	3.8	6.7	4.7	3.4	2.4	2.2	2.7
1969	4.7	13.3	15.5	11.8	3.7	6.3	4.6	3.4	2.6	2.2	2.3
1970	5.9	15.6	17.4	14.4	4.8	7.9	5.7	4.4	3.5	2.7	3.1
1971	6.9	17.2	18.7	16.2	5.7	9.6	7.0	5.2	4.0	3.3	3.6
1972	6.6	16.7	18.8	15.2	5.4	9.4	6.2	4.9	3.6	3.3	3.5
1973	6.0	15.3	17.7	13.5	4.9	8.5	5.8	3.9	3.2	2.8	2.9
1974	6.7	16.6	18.2	15.4	5.5	9.5	6.2	4.6	3.7	3.2	3.6
1975	9.3	19.7	21.2	18.7	8.0	12.7	9.1	6.8	5.9	5.1	5.0
1976	8.6	18.7	20.8	17.4	7.4	11.9	8.4	6.1	5.2	4.9	5.0
1977	8.2	18.3	20.5	16.9	7.0	11.2	7.7	5.7	5.1	4.4	4.7
1978	7.2	17.1	19.5	15.3	6.0	10.1	6.7	5.0	4.0	3.2	3.8
1979	6.8	16.4	18.3	15.0	5.7	9.6	6.5	4.6	3.9	3.2	3.3
1980	7.4	17.2	19.6	15.6	6.4	10.4	7.2	5.3	4.5	3.3	3.1
1981	7.9	19.0	20.7	17.9	6.8	11.2	7.7	5.7	4.6	3.8	3.6
1982	9.4	21.9	23.2	21.0	8.3	13.2	9.3	7.0	5.9	5.2	3.2
1983	9.2	21.3	23.7	19.9	8.1	12.9	9.1	6.9	6.0	5.0	3.4
WHITE											
1954	5.0	12.1	13.2	11.3	4.6	8.3	4.6	4.0	4.0	4.3	3.9
1955	3.9	10.4	12.0	9.2	3.4	6.2	3.1	2.9	3.1	3.8	3.4
1956	3.6	10.1	11.5	9.0	3.2	5.7	3.1	2.6	2.9	3.2	3.1
1957	3.8	10.6	11.9	9.6	3.4	6.3	3.3	2.8	3.0	3.2	3.2
1958	6.1	14.4	15.2	13.9	5.6	9.9	5.9	4.8	4.8	4.9	4.6
1959	4.8	13.1	14.4	12.1	4.3	7.3	4.2	3.7	3.8	4.1	4.1
1960	5.0	13.5	14.6	12.6	4.3	7.9	4.5	3.6	3.8	3.9	3.7
1961	6.0	15.3	16.7	14.4	5.3	9.4	5.3	4.5	4.5	5.0	4.8
1962	4.9	13.3	15.3	12.0	4.2	7.9	4.2	3.6	3.6	3.9	4.0
1963	5.0	15.5	17.9	13.7	4.2	7.7	4.4	3.5	3.5	3.8	3.8

Table 27. Unemployment rates by sex, race, Hispanic origin and age, 1948-83—Continued

(Civilian workers)

Year, sex, race, and Hispanic origin	16 years and over	16 to 19 years: Total	16 to 19 years: 16 to 17 years	16 to 19 years: 18 to 19 years	20 years and over: Total	20 years and over: 20 to 24 years	20 years and over: 25 to 34 years	20 years and over: 35 to 44 years	20 years and over: 45 to 54 years	20 years and over: 55 to 64 years	20 years and over: 65 years and over
WHITE—Continued											
1964	4.6	14.8	16.5	13.3	3.8	7.3	3.6	3.2	3.2	3.5	3.5
1965	4.1	13.4	14.8	12.3	3.3	6.1	3.2	2.9	2.5	2.9	3.2
1966	3.4	11.2	13.3	9.7	2.6	4.6	2.6	2.3	2.1	2.4	2.9
1967	3.4	11.0	12.8	9.8	2.7	5.0	2.7	2.3	2.2	2.3	2.7
1968	3.2	11.0	12.9	9.6	2.5	5.2	2.4	2.0	1.8	1.9	2.8
1969	3.1	10.7	13.0	8.9	2.4	5.0	2.5	2.0	1.8	1.8	2.2
1970	4.5	13.5	15.5	11.9	3.7	7.3	3.8	3.0	2.7	2.7	3.2
1971	5.4	15.1	17.0	13.8	4.5	9.0	4.7	3.6	3.3	3.3	3.5
1972	5.1	14.2	16.6	12.3	4.1	8.4	4.1	3.2	2.9	3.1	3.4
1973	4.3	12.6	15.4	10.4	3.5	6.8	3.7	2.5	2.4	2.5	2.9
1974	5.0	14.0	16.3	12.2	4.1	8.0	4.4	3.1	2.8	2.8	3.3
1975	7.8	17.9	19.5	16.7	6.7	12.3	7.1	5.2	4.9	4.5	5.1
1976	7.0	16.9	19.0	15.3	5.9	10.7	6.3	4.5	4.2	4.3	4.9
1977	6.2	15.4	17.9	13.5	5.3	9.3	5.7	4.0	3.8	3.7	4.9
1978	5.2	13.9	17.0	11.5	4.3	8.0	4.6	3.3	3.0	2.7	3.8
1979	5.1	14.0	16.1	12.4	4.2	7.6	4.4	3.2	3.0	2.7	3.1
1980	6.3	15.5	17.9	13.8	5.4	9.9	6.1	4.2	3.7	3.1	2.7
1981	6.7	17.3	19.2	15.9	5.7	10.4	6.3	4.5	3.9	3.5	2.8
1982	8.6	20.4	22.8	18.8	7.6	12.8	8.5	6.3	5.4	5.1	3.1
1983	8.4	19.3	22.0	17.6	7.5	12.1	8.4	6.3	5.7	5.2	3.2
Men											
1954	4.8	13.4	14.0	13.0	4.4	9.8	4.2	3.6	3.8	4.3	4.2
1955	3.7	11.3	12.2	10.4	3.3	7.0	2.7	2.6	2.9	3.9	3.8
1956	3.4	10.5	11.2	9.7	3.0	6.1	2.8	2.2	2.8	3.1	3.4
1957	3.6	11.5	11.9	11.1	3.2	7.0	2.7	2.5	3.0	3.4	3.2
1958	6.1	15.7	14.9	16.5	5.5	11.7	5.6	4.4	4.8	5.2	5.0
1959	4.6	14.0	15.0	13.0	4.1	7.5	3.8	3.2	3.7	4.2	4.5
1960	4.8	14.0	14.6	13.5	4.2	8.3	4.1	3.3	3.6	4.1	4.0
1961	5.7	15.7	16.5	15.2	5.1	10.1	4.9	4.0	4.4	5.3	5.2
1962	4.6	13.7	15.2	12.7	4.0	8.1	3.8	3.1	3.5	4.1	4.0
1963	4.7	15.9	17.8	14.2	3.9	7.8	3.9	2.9	3.3	4.0	4.1
1964	4.1	14.7	16.1	13.3	3.4	7.4	3.0	2.5	2.9	3.5	3.6
1965	3.6	12.9	14.7	11.3	2.9	5.9	2.6	2.3	2.3	3.1	3.4
1966	2.8	10.5	12.5	8.9	2.2	4.1	2.1	1.7	1.7	2.5	3.0
1967	2.7	10.7	12.7	9.0	2.1	4.2	1.9	1.6	1.8	2.2	2.7
1968	2.6	10.1	12.3	8.3	2.0	4.6	1.7	1.4	1.5	1.7	2.8
1969	2.5	10.0	12.5	7.9	1.9	4.6	1.7	1.4	1.4	1.7	2.2
1970	4.0	13.7	15.7	12.0	3.2	7.8	3.1	2.3	2.3	2.7	3.2
1971	4.9	15.1	17.1	13.5	4.0	9.4	4.0	2.9	2.9	3.2	3.4
1972	4.5	14.2	16.4	12.4	3.6	8.5	3.4	2.5	2.5	3.0	3.3
1973	3.8	12.3	15.2	10.0	3.0	6.6	3.0	1.8	2.0	2.4	2.9
1974	4.4	13.5	16.2	11.5	3.5	7.8	3.6	2.4	2.2	2.5	3.0
1975	7.2	18.3	19.7	17.2	6.2	13.1	6.3	4.5	4.4	4.1	5.0
1976	6.4	17.3	19.7	15.5	5.4	10.9	5.6	3.7	3.7	4.0	4.7
1977	5.5	15.0	17.6	13.0	4.7	9.3	5.0	3.1	3.0	3.3	4.9
1978	4.6	13.5	16.9	10.8	3.7	7.7	3.8	2.5	2.5	2.6	3.9
1979	4.5	13.9	16.1	12.2	3.6	7.5	3.7	2.5	2.5	2.5	3.2
1980	6.1	16.2	18.5	14.5	5.3	11.1	5.9	3.6	3.3	3.1	2.5
1981	6.5	17.9	19.9	16.4	5.6	11.6	6.1	4.0	3.6	3.4	2.4
1982	8.8	21.7	24.2	20.0	7.8	14.3	8.9	6.2	5.3	5.1	3.2
1983	8.8	20.2	22.6	18.7	7.9	13.8	9.0	6.4	5.7	5.6	3.2
Women											
1954	5.5	10.4	12.0	9.4	5.1	6.4	5.7	4.9	4.4	4.5	2.8
1955	4.3	9.1	11.6	7.7	3.9	5.1	4.3	3.8	3.4	3.6	2.2
1956	4.2	9.7	12.1	8.3	3.7	5.1	4.0	3.5	3.3	3.5	2.3
1957	4.3	9.5	11.9	7.8	3.8	5.1	4.7	3.7	3.0	2.9	3.4
1958	6.2	12.7	15.6	11.0	5.6	7.3	6.6	5.6	4.9	4.3	3.5
1959	5.3	12.0	13.3	11.1	4.7	7.0	5.2	4.7	3.9	4.0	2.9
1960	5.3	12.7	14.5	11.5	4.6	7.2	5.7	4.2	4.0	3.3	2.8

Table 27. Unemployment rates by sex, race, Hispanic origin and age, 1948-83—Continued

(Civilian workers)

Year, sex, race, and Hispanic origin	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued											
1961	6.5	14.8	17.0	13.6	5.7	8.4	6.6	5.6	4.8	4.3	3.8
1962	5.5	12.8	15.6	11.3	4.7	7.7	5.4	4.5	3.7	3.5	4.0
1963	5.8	15.1	18.1	13.2	4.8	7.4	5.8	4.6	3.9	3.5	3.3
1964	5.5	14.9	17.1	13.2	4.6	7.1	5.2	4.5	3.6	3.5	3.4
1965	5.0	14.0	15.0	13.4	4.0	6.3	4.9	4.1	3.0	2.7	2.7
1966	4.3	12.1	14.5	10.7	3.3	5.3	3.7	3.3	2.7	2.2	2.7
1967	4.6	11.5	12.9	10.6	3.8	6.0	4.7	3.7	2.9	2.3	2.6
1968	4.3	12.1	13.9	11.0	3.4	5.9	3.9	3.1	2.3	2.1	2.8
1969	4.2	11.5	13.7	10.0	3.4	5.5	4.2	3.2	2.4	2.1	2.4
1970	5.4	13.4	15.3	11.9	4.4	6.9	5.3	4.3	3.4	2.6	3.3
1971	6.3	15.1	16.7	14.1	5.3	8.5	6.3	4.9	3.9	3.3	3.6
1972	5.9	14.2	17.0	12.3	4.9	8.2	5.5	4.4	3.5	3.3	3.7
1973	5.3	13.0	15.8	10.9	4.3	7.1	5.1	3.7	3.2	2.7	2.8
1974	6.1	14.5	16.4	13.0	5.1	8.2	5.8	4.3	3.6	3.2	3.9
1975	8.6	17.4	19.2	16.1	7.5	11.2	8.4	6.5	5.8	5.0	5.3
1976	7.9	16.4	18.2	15.1	6.8	10.4	7.6	5.8	5.0	4.8	5.3
1977	7.3	15.9	18.2	14.2	6.2	9.3	6.7	5.3	5.0	4.4	4.9
1978	6.2	14.4	17.1	12.4	5.2	8.3	5.8	4.5	3.8	3.0	3.7
1979	5.9	14.0	15.9	12.5	5.0	7.8	5.6	4.2	3.7	3.0	3.1
1980	6.5	14.8	17.3	13.1	5.6	8.5	6.3	4.9	4.3	3.1	3.0
1981	6.9	16.6	18.4	15.3	5.9	9.1	6.6	5.1	4.2	3.7	3.4
1982	8.3	19.0	21.2	17.6	7.3	10.9	8.0	6.4	5.5	5.0	3.1
1983	7.9	18.3	21.4	16.4	6.9	10.3	7.6	6.2	5.5	4.7	3.1
BLACK											
1972	10.4	35.4	38.7	33.6	7.9	16.3	8.7	6.1	4.2	4.1	4.3
1973	9.4	31.5	37.0	28.1	7.2	15.5	8.1	4.7	3.5	3.2	3.5
1974	10.5	35.0	40.0	31.8	8.0	17.5	8.5	5.4	4.3	3.6	3.9
1975	14.8	39.5	41.6	38.1	12.3	24.5	13.0	8.9	8.3	5.9	6.6
1976	14.0	39.3	44.2	36.7	11.5	22.7	12.8	8.0	6.7	5.9	5.9
1977	14.0	41.1	44.5	39.2	11.5	24.2	12.7	7.4	5.3	5.5	5.9
1978	12.8	38.7	43.9	35.7	10.2	21.8	10.8	6.4	5.2	4.8	5.8
1979	12.3	36.5	40.2	34.4	10.1	20.6	10.8	6.7	5.2	4.9	5.3
1980	14.3	38.5	41.1	37.1	12.1	23.6	13.3	8.2	6.8	5.4	6.9
1981	15.6	41.4	44.8	39.5	13.4	26.4	14.7	9.5	7.4	5.5	7.0
1982	18.9	48.0	48.6	47.8	16.6	30.6	19.0	12.1	8.7	8.3	7.1
1983	19.5	48.5	50.5	47.6	17.3	31.6	19.0	12.4	10.7	9.2	9.2
Men											
1972	9.3	31.7	36.7	28.4	7.0	14.9	7.2	4.8	3.8	4.4	5.4
1973	8.0	27.8	35.7	23.0	6.0	13.2	6.2	3.9	3.2	3.2	3.3
1974	9.8	33.1	39.9	28.3	7.4	16.2	8.1	4.3	4.2	3.6	5.3
1975	14.8	38.1	41.9	35.9	12.5	24.7	12.7	8.7	9.3	6.3	8.7
1976	13.7	37.5	40.8	36.0	11.4	22.6	12.0	7.5	7.3	6.3	8.7
1977	13.3	39.2	41.0	38.2	10.7	23.0	11.8	6.2	4.9	6.0	7.8
1978	11.8	36.7	43.0	32.9	9.3	21.0	9.8	5.1	4.9	4.4	6.6
1979	11.4	34.2	37.9	32.2	9.3	18.7	9.6	6.3	5.2	5.1	6.4
1980	14.5	37.5	39.7	36.2	12.4	23.7	13.4	8.2	7.2	6.2	8.7
1981	15.7	40.7	43.2	39.2	13.5	26.4	14.4	9.3	7.8	6.1	7.5
1982	20.1	48.9	52.7	47.1	17.8	31.5	20.1	13.4	9.0	10.3	9.3
1983	20.3	48.8	52.2	47.3	18.1	31.4	19.4	13.5	11.4	11.0	11.8
Women											
1972	11.8	40.5	42.0	40.1	9.0	17.9	10.5	7.6	4.6	3.7	2.6
1973	11.1	36.1	38.6	34.2	8.6	18.4	10.3	5.6	3.9	3.3	3.7
1974	11.3	37.4	40.2	36.0	8.8	19.0	9.0	6.6	4.4	3.6	1.9
1975	14.8	41.0	41.2	40.6	12.2	24.3	13.4	9.0	7.0	5.3	3.6
1976	14.3	41.6	48.4	37.6	11.7	22.8	13.6	8.5	5.9	5.4	2.4
1977	14.9	43.4	49.5	40.4	12.3	25.5	13.6	8.7	5.8	4.8	3.4
1978	13.8	40.8	45.0	38.7	11.2	22.7	11.9	7.8	5.6	5.2	4.7
1979	13.3	39.1	42.7	36.9	10.9	22.6	12.1	7.2	5.2	4.7	3.9
1980	14.0	39.8	42.9	38.2	11.9	23.5	13.2	8.2	6.4	4.5	4.9

Table 27. Unemployment rates by sex, race, Hispanic origin and age, 1948-83—Continued

(Civilian workers)

Year, sex, race, and Hispanic origin	16 years and over	16 to 19 years			20 years and over						
		Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued											
1981	15.6	42.2	46.5	39.8	13.4	26.4	14.9	9.8	6.9	4.7	6.0
1982	17.6	47.1	44.2	48.6	15.4	29.6	17.8	10.7	8.5	6.1	4.5
1983	18.6	48.2	48.6	48.0	16.5	31.8	18.6	11.4	9.9	7.3	6.3
HISPANIC ORIGIN											
1973	7.5	19.7	23.4	17.3	6.0	8.5	5.7	5.6	4.7	5.5	3.9
1974	8.1	19.8	23.5	17.2	6.6	9.8	6.3	5.9	4.6	6.1	6.3
1975	12.2	27.7	30.0	26.5	10.3	16.7	9.9	8.6	8.1	7.7	9.9
1976	11.5	23.8	29.2	19.2	10.1	15.9	9.1	8.2	8.4	8.8	12.6
1977	10.1	22.9	27.0	19.6	8.5	12.0	8.6	6.1	7.3	8.2	9.2
1978	9.1	20.7	28.3	15.1	7.7	10.9	8.0	6.5	5.8	5.0	7.5
1979	8.3	19.2	26.0	14.9	7.0	10.4	6.7	6.2	5.2	6.0	5.7
1980	10.1	22.5	27.5	19.5	8.6	12.1	9.1	7.7	5.7	5.9	6.2
1981	10.4	24.0	28.0	21.6	9.1	14.0	8.9	7.5	6.4	7.3	5.8
1982	13.8	29.9	37.9	25.8	12.2	17.7	12.4	10.7	8.5	10.1	6.6
1983	13.7	28.4	33.6	25.9	12.3	16.8	12.0	11.3	10.1	11.0	5.7
Men											
1973	6.7	19.0	20.9	17.7	5.4	8.2	5.0	4.2	4.5	5.4	5.5
1974	7.3	19.0	22.0	17.1	6.0	9.9	5.5	5.0	4.3	5.4	5.3
1975	11.4	27.6	29.3	26.5	9.6	16.3	9.6	7.9	7.0	6.8	11.0
1976	10.8	23.3	28.7	19.7	9.4	16.0	8.1	7.0	7.4	8.7	12.1
1977	9.0	20.9	25.9	18.2	7.7	11.7	7.9	4.9	5.4	7.4	9.7
1978	7.7	19.7	27.5	13.9	6.4	9.4	6.6	4.8	4.8	4.4	7.8
1979	7.0	17.5	23.5	13.8	5.8	9.2	5.3	5.1	4.4	5.0	5.5
1980	9.7	21.6	26.1	19.1	8.3	12.3	8.2	7.2	6.1	6.2	8.1
1981	10.2	24.3	30.7	20.3	8.8	14.2	9.0	6.5	5.9	6.6	7.2
1982	13.6	31.2	40.0	26.4	12.0	18.3	12.5	9.8	7.5	10.0	7.4
1983	13.5	28.7	34.5	25.9	12.2	17.1	11.6	10.8	10.4	11.9	6.3
Women											
1973	9.0	20.7	26.8	16.7	7.3	9.0	6.9	8.3	5.1	5.6	-
1974	9.4	20.8	25.3	17.4	7.7	9.7	7.7	7.5	5.3	7.5	9.5
1975	13.5	27.9	31.0	26.4	11.5	17.2	10.5	9.9	10.0	9.3	6.5
1976	12.7	22.2	30.3	18.7	11.4	15.8	10.8	10.0	9.8	9.0	14.7
1977	11.9	24.4	28.5	21.9	10.1	12.1	9.8	8.2	10.6	11.0	7.1
1978	11.3	21.8	29.9	16.6	9.8	13.0	10.3	9.2	7.4	7.2	5.7
1979	10.3	21.2	30.0	15.8	8.9	12.1	8.9	7.7	7.1	7.9	6.0
1980	10.7	23.4	30.4	19.7	9.2	11.9	10.5	8.5	5.2	6.3	-
1981	10.8	23.5	23.5	23.5	9.5	13.6	8.8	8.9	7.2	8.6	2.0
1982	14.1	28.2	34.8	25.0	12.6	17.0	12.2	12.1	9.9	10.5	4.7
1983	13.8	27.9	32.4	25.7	12.5	16.4	12.6	12.2	9.7	9.5	4.5

Table 28. Unemployment rates by sex and marital status, 1955-83

Year	All civilian workers	Men				Women			
		Total	Single	Married, spouse present	Widowed, divorced, or separated	Total	Single	Married, spouse present	Widowed, divorced, or separated
1955	4.4	4.2	8.6	2.6	7.1	4.9	5.0	3.7	5.0
1956	4.1	3.8	7.7	2.3	6.2	4.8	5.3	3.6	5.0
1957	4.3	4.1	9.2	2.8	6.8	4.7	5.6	4.3	4.7
1958	6.8	6.8	13.3	5.1	11.2	6.8	7.4	6.5	6.7
1959	5.5	5.2	11.6	3.6	8.6	5.9	7.1	5.2	6.2
1960	5.5	5.4	11.7	3.7	8.4	5.9	7.5	5.2	5.9
1961	6.7	6.4	13.1	4.6	10.3	7.2	8.7	6.4	7.4
1962	5.5	5.2	11.2	3.6	9.9	6.2	7.9	5.4	6.4
1963	5.7	5.2	12.4	3.4	9.6	6.5	8.9	5.4	6.7
1964	5.2	4.6	11.5	2.8	8.9	6.2	8.7	5.1	6.4
1965	4.5	4.0	10.1	2.4	7.2	5.5	8.2	4.5	5.4
1966	3.8	3.2	8.6	1.9	5.5	4.8	7.9	3.7	4.7
1967	3.8	3.1	8.3	1.8	4.9	5.2	7.5	4.5	4.6
1968	3.6	2.9	8.0	1.6	4.2	4.8	7.6	3.9	4.2
1969	3.5	2.8	8.0	1.5	4.0	4.7	7.3	3.9	4.0
1970	4.9	4.4	11.2	2.6	6.4	5.9	9.0	4.9	5.2
1971	5.9	5.3	13.2	3.2	7.4	6.9	10.5	5.7	6.3
1972	5.6	5.0	12.4	2.8	7.0	6.6	10.1	5.4	6.1
1973	4.9	4.2	10.4	2.3	5.4	6.0	9.4	4.7	5.8
1974	5.6	4.9	11.8	2.7	6.2	6.7	10.5	5.3	6.3
1975	8.5	7.9	16.1	5.1	11.0	9.3	13.0	7.9	8.9
1976	7.7	7.1	14.9	4.2	9.8	8.6	12.1	7.1	8.7
1977	7.1	6.3	13.5	3.6	8.2	8.2	12.1	6.5	7.9
1978	6.1	5.3	11.7	2.8	6.6	7.2	10.9	5.5	6.9
1979	5.8	5.1	11.1	2.8	6.5	6.8	10.4	5.1	6.7
1980	7.1	6.9	13.6	4.2	8.6	7.4	10.9	5.8	7.2
1981	7.6	7.4	14.6	4.3	9.1	7.9	11.9	6.0	8.1
1982	9.7	9.9	17.7	6.5	12.4	9.4	13.6	7.4	9.5
1983	9.6	9.9	17.3	6.5	13.0	9.2	13.1	7.0	9.9

Table 29. Unemployed persons and unemployment rates by occupation, 1982-83

(Numbers in thousands)

Occupation	1982		1983	
	Unemployed	Unemployment rate	Unemployed	Unemployment rate
Total, 16 years and over	10,678	9.7	10,717	9.6
Managerial and professional specialty	789	3.3	795	3.3
Executive, administrative, and managerial	398	3.6	396	3.5
Professional specialty	391	3.0	399	3.0
Technical, sales, and administrative support	2,014	6.1	2,116	6.3
Technicians and related support	135	4.3	152	4.7
Sales occupations	743	6.2	850	6.7
Administrative support, including clerical	1,136	6.4	1,114	6.4
Service occupations	1,628	10.8	1,697	10.9
Private household	69	6.2	79	7.4
Protective service	116	6.7	120	6.7
Service, except private household and protective	1,444	11.8	1,498	11.8
Precision production, craft, and repair	1,403	10.6	1,466	10.6
Mechanics and repairers	316	7.5	344	7.6
Construction trades	714	15.3	709	14.2
Other precision production, craft, and repair	372	8.7	412	9.6
Operators, fabricators, and laborers	3,314	16.7	2,955	15.5
Machine operators, assemblers, and inspectors	1,623	17.1	1,411	15.4
Transportation and material moving occupations	626	13.0	596	12.4
Handlers, equipment cleaners, helpers, and laborers	1,066	19.2	948	18.6
Construction laborers	220	28.2	207	25.8
Other handlers, equipment cleaners, helpers, and laborers	846	17.8	740	17.2
Farming, forestry, and fishing	349	8.5	407	9.9
No previous work experience	1,190	-	1,218	-

NOTE: These occupational data are based on the 1980 census classification system and are not comparable with 1972-82 data based on the 1970 census system. For a further explanation, see the Technical Note on the Current Population Survey.

Table 30. Unemployed persons and unemployment rates by industry, 1948-83

(In thousands)

Item	All civilian workers[1]	Experienced wage and salary workers												
		Total	Agriculture	Wage and salary workers in private nonagricultural industries										Government
				Total	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services	
							Total	Durable goods	Nondurable goods					
NUMBER UNEMPLOYED														
1948	2,276	2,046	96	1,832	28	232	678	339	339	149	415	30	300	118
1949	3,637	3,310	132	3,003	73	380	1,242	652	590	252	578	36	442	175
1950	3,288	2,990	162	2,650	61	348	981	466	515	189	580	40	451	178
1951	2,055	1,857	71	1,675	36	218	637	271	366	95	373	27	289	111
1952	1,883	1,707	73	1,531	35	218	573	266	307	95	326	33	251	103
1953	1,834	1,671	81	1,490	45	227	536	253	283	90	315	34	243	100
1954	3,532	3,230	133	2,946	106	386	1,232	720	512	231	549	46	396	151
1955	2,852	2,568	124	2,304	69	337	821	436	385	163	464	49	401	140
1956	2,750	2,443	126	2,199	50	313	832	448	384	127	459	39	379	118
1957	2,859	2,542	118	2,285	41	349	901	502	399	139	461	42	352	139
1958	4,602	4,096	180	3,726	72	523	1,605	1,036	569	246	705	68	507	190
1959	3,740	3,252	158	2,919	59	466	1,055	611	444	178	617	63	481	175
1960	3,852	3,337	159	2,987	59	463	1,103	626	477	193	637	63	469	191
1961	4,714	4,061	173	3,676	67	544	1,376	835	541	218	783	91	597	212
1962	3,911	3,342	127	3,027	46	466	1,045	575	470	166	678	82	544	188
1963	4,070	3,415	158	3,056	41	456	1,061	573	488	170	689	75	564	201
1964	3,786	3,134	158	2,778	37	390	941	498	443	143	649	75	543	198
1965	3,366	2,732	114	2,427	29	364	775	382	393	118	585	70	486	191
1966	2,875	2,331	89	2,048	20	286	651	325	326	88	528	62	413	194
1967	2,975	2,489	96	2,183	19	257	775	418	357	100	521	80	431	210
1968	2,817	2,356	86	2,052	16	247	691	368	323	87	513	74	424	218
1969	2,832	2,372	76	2,067	15	225	705	382	323	99	530	73	420	229
1970	4,093	3,526	94	3,150	16	380	1,195	719	475	150	732	102	575	282
1971	5,016	4,300	100	3,811	23	428	1,401	841	559	178	948	128	706	388
1972	4,882	4,122	103	3,611	19	450	1,154	653	501	168	994	138	687	409
1973	4,365	3,646	95	3,166	19	407	939	500	439	143	896	117	644	385
1974	5,156	4,391	110	3,839	20	486	1,257	703	554	162	1,058	139	718	442
1975	7,929	6,970	151	6,198	31	807	2,333	1,431	902	278	1,493	217	1,039	620
1976	7,406	6,387	180	5,509	37	694	1,700	987	714	246	1,527	200	1,106	698
1977	6,991	5,915	171	5,067	33	593	1,474	805	669	242	1,473	186	1,065	677
1978	6,202	5,220	142	4,439	37	530	1,244	661	583	201	1,295	161	971	637
1979	6,137	5,217	148	4,461	45	541	1,306	702	603	206	1,250	165	949	608
1980	7,637	6,634	175	5,777	65	740	1,991	1,254	736	280	1,443	188	1,071	681
1981	8,273	7,129	201	6,161	70	809	1,915	1,139	777	304	1,609	199	1,257	767
1982	10,678	9,275	260	8,216	154	1,031	2,771	1,788	983	397	2,066	276	1,521	799
1983	10,717	9,276	300	8,101	182	1,005	2,454	1,562	892	424	2,109	272	1,657	875

See footnote at end of table.

Table 30. Unemployed persons and unemployment rates by industry, 1948-83—Continued

(Percent)

Item	All civilian workers[1]	Experienced wage and salary workers												
		Total	Agriculture	Wage and salary workers in private nonagricultural industries										Government
				Total	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services	
							Total	Durable goods	Nondurable goods					
UNEMPLOYMENT RATES														
1948	3.8	4.3	5.5	4.5	3.1	8.7	4.2	4.0	4.4	3.5	4.7	1.8	4.8	2.2
1949	5.9	6.8	7.1	7.3	8.9	14.0	8.0	8.1	7.8	5.9	6.2	2.1	6.8	3.1
1950	5.3	6.0	9.0	6.3	6.9	12.2	6.2	5.7	6.7	4.6	6.0	2.2	6.4	3.0
1951	3.3	3.7	4.4	3.9	4.0	7.2	3.9	3.1	4.7	2.3	3.9	1.5	4.2	1.8
1952	3.0	3.4	4.8	3.6	3.8	6.7	3.5	3.0	4.1	2.3	3.5	1.8	3.6	1.6
1953	2.9	3.2	5.6	3.4	4.6	7.2	3.1	2.6	3.8	2.2	3.4	1.8	3.4	1.5
1954	5.5	6.2	9.0	6.7	14.4	12.9	7.1	7.3	6.9	5.6	5.7	2.3	5.5	2.2
1955	4.4	4.8	7.2	5.1	9.1	10.9	4.7	4.4	5.2	4.0	4.7	2.4	5.2	2.0
1956	4.1	4.4	7.4	4.7	6.8	10.0	4.7	4.4	5.2	3.0	4.5	1.8	4.6	1.7
1957	4.3	4.6	6.9	4.9	5.9	10.9	5.1	4.9	5.3	3.3	4.5	1.8	4.2	1.9
1958	6.8	7.3	10.3	7.9	11.0	15.3	9.3	10.6	7.7	6.1	6.8	2.9	5.7	2.5
1959	5.5	5.7	9.1	6.1	9.7	13.4	6.1	6.2	6.0	4.4	5.8	2.5	5.3	2.2
1960	5.5	5.7	8.3	6.2	9.7	13.5	6.2	6.4	6.1	4.6	5.9	2.4	5.1	2.4
1961	6.7	6.8	9.6	7.5	11.1	15.7	7.8	8.5	6.8	5.3	7.3	3.3	6.2	2.5
1962	5.5	5.6	7.5	6.1	7.8	13.5	5.8	5.7	6.0	4.1	6.3	3.0	5.5	2.1
1963	5.7	5.6	9.2	6.1	7.2	13.3	5.7	5.5	6.0	4.2	6.2	2.7	5.7	2.2
1964	5.2	5.0	9.7	5.4	6.7	11.2	5.0	4.7	5.4	3.5	5.7	2.6	5.3	2.1
1965	4.5	4.3	7.6	4.6	5.4	10.1	4.0	3.5	4.7	2.9	5.0	2.3	4.6	1.9
1966	3.8	3.5	6.6	3.8	3.7	8.0	3.2	2.8	3.8	2.1	4.4	2.1	3.9	1.8
1967	3.8	3.6	6.9	3.9	3.4	7.4	3.7	3.4	4.1	2.4	4.2	2.5	3.9	1.8
1968	3.6	3.4	6.3	3.6	3.1	6.9	3.3	3.0	3.7	2.0	4.0	2.2	3.7	1.8
1969	3.5	3.3	6.1	3.5	2.9	6.0	3.3	3.0	3.7	2.2	4.1	2.1	3.5	1.9
1970	4.9	4.8	7.5	5.2	3.1	9.7	5.6	5.7	5.4	3.2	5.3	2.8	4.7	2.2
1971	5.9	5.7	7.9	6.2	4.0	10.4	6.8	7.0	6.5	3.8	6.4	3.3	5.6	2.9
1972	5.6	5.3	7.7	5.7	3.2	10.3	5.6	5.5	5.8	3.5	6.4	3.4	5.3	3.0
1973	4.9	4.5	7.0	4.9	2.9	8.9	4.4	3.9	5.0	3.0	5.7	2.7	4.8	2.7
1974	5.6	5.3	7.5	5.7	3.0	10.7	5.8	5.4	6.3	3.3	6.5	3.1	5.2	3.0
1975	8.5	8.2	10.4	9.1	4.1	18.0	10.9	11.3	10.4	5.6	8.7	4.9	7.1	4.1
1976	7.7	7.3	11.8	7.9	4.6	15.5	7.9	7.7	8.2	5.0	8.6	4.3	7.2	4.4
1977	7.1	6.6	11.2	7.1	3.8	12.7	6.7	6.2	7.4	4.7	8.0	3.8	6.6	4.2
1978	6.1	5.6	8.9	5.9	4.2	10.6	5.5	5.0	6.3	3.7	6.9	3.1	5.7	3.9
1979	5.8	5.5	9.3	5.8	4.9	10.3	5.6	5.0	6.5	3.7	6.5	3.0	5.5	3.7
1980	7.1	6.9	11.0	7.4	6.4	14.1	8.5	8.9	7.9	4.9	7.4	3.4	5.9	4.1
1981	7.6	7.3	12.1	7.7	6.0	15.6	8.3	8.2	8.4	5.2	8.1	3.5	6.6	4.7
1982	9.7	9.3	14.7	10.1	13.4	20.0	12.3	13.3	10.8	6.8	10.0	4.7	7.6	4.9
1983	9.6	9.2	16.0	9.9	17.0	18.4	11.2	12.1	10.0	7.4	10.0	4.5	7.9	5.3

[1] Also includes the self-employed, unpaid family workers, and those with no previous experience, not shown separately.

Table 31. Unemployed persons and percent distribution of the unemployed by duration, 1948-83

(In thousands)

Item	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration	Median duration
				Total	15 to 26 weeks	27 weeks and over		
NUMBER UNEMPLOYED								
1948	2,276	1,300	669	309	193	116	8.6	(1)
1949	3,637	1,756	1,194	684	428	256	10.0	(1)
1950	3,288	1,450	1,055	782	425	357	12.1	(1)
1951	2,055	1,177	574	303	166	137	9.7	(1)
1952	1,883	1,135	516	232	148	84	8.4	(1)
1953	1,834	1,142	482	210	132	78	8.0	(1)
1954	3,532	1,605	1,116	812	495	317	11.8	(1)
1955	2,852	1,335	815	702	366	336	13.0	(1)
1956	2,750	1,412	805	533	301	232	11.3	(1)
1957	2,859	1,408	891	560	321	239	10.5	(1)
1958	4,602	1,753	1,396	1,452	785	667	13.9	(1)
1959	3,740	1,585	1,114	1,040	469	571	14.4	(1)
1960	3,852	1,719	1,176	957	503	454	12.8	(1)
1961	4,714	1,806	1,376	1,532	728	804	15.6	(1)
1962	3,911	1,663	1,134	1,119	534	585	14.7	(1)
1963	4,070	1,751	1,231	1,088	535	553	14.0	(1)
1964	3,786	1,697	1,117	973	491	482	13.3	(1)
1965	3,366	1,628	983	755	404	351	11.8	(1)
1966	2,875	1,573	779	526	287	239	10.4	(1)
1967	2,975	1,634	893	448	271	177	8.7	2.3
1968	2,817	1,594	810	412	256	156	8.4	4.5
1969	2,832	1,629	827	375	242	133	7.8	4.4
1970	4,093	2,139	1,290	663	428	235	8.6	4.9
1971	5,016	2,245	1,585	1,187	668	519	11.3	6.3
1972	4,882	2,242	1,472	1,167	601	566	12.0	6.2
1973	4,365	2,224	1,314	826	483	343	10.0	5.2
1974	5,156	2,604	1,597	955	574	381	9.8	5.2
1975	7,929	2,940	2,484	2,505	1,303	1,203	14.2	8.4
1976	7,406	2,844	2,196	2,366	1,018	1,348	15.8	8.2
1977	6,991	2,919	2,132	1,942	913	1,028	14.3	7.0
1978	6,202	2,865	1,923	1,414	766	648	11.9	5.9
1979	6,137	2,950	1,946	1,241	706	535	10.8	5.4
1980	7,637	3,295	2,470	1,871	1,052	820	11.9	6.5
1981	8,273	3,449	2,539	2,285	1,122	1,162	13.7	6.9
1982	10,678	3,883	3,311	3,485	1,708	1,776	15.6	8.7
1983	10,717	3,570	2,937	4,210	1,652	2,559	20.0	10.1

See footnote at end of table.

Table 31. Unemployed persons and percent distribution of the unemployed by duration, 1948-83—Continued

(Percent)

Item	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration	Median duration
				Total	15 to 26 weeks	27 weeks and over		
PERCENT DISTRIBUTION								
1948	100.0	57.1	29.4	13.6	8.5	5.1	–	–
1949	100.0	48.3	32.8	18.8	11.8	7.0	–	–
1950	100.0	44.1	32.1	23.8	12.9	10.9	–	–
1951	100.0	57.3	27.9	14.7	8.1	6.7	–	–
1952	100.0	60.3	27.4	12.3	7.9	4.5	–	–
1953	100.0	62.3	26.3	11.5	7.2	4.3	–	–
1954	100.0	45.4	31.6	23.0	14.0	9.0	–	–
1955	100.0	46.8	28.6	24.6	12.8	11.8	–	–
1956	100.0	51.3	29.3	19.4	10.9	8.4	–	–
1957	100.0	49.2	31.2	19.6	11.2	8.4	–	–
1958	100.0	38.1	30.3	31.6	17.1	14.5	–	–
1959	100.0	42.4	29.8	27.8	12.5	15.3	–	–
1960	100.0	44.6	30.5	24.8	13.1	11.8	–	–
1961	100.0	38.3	29.2	32.5	15.4	17.1	–	–
1962	100.0	42.5	29.0	28.6	13.7	15.0	–	–
1963	100.0	43.0	30.2	26.7	13.1	13.6	–	–
1964	100.0	44.8	29.5	25.7	13.0	12.7	–	–
1965	100.0	48.4	29.2	22.4	12.0	10.4	–	–
1966	100.0	54.7	27.1	18.3	10.0	8.3	–	–
1967	100.0	54.9	30.0	15.1	9.1	5.9	–	–
1968	100.0	56.6	28.8	14.6	9.1	5.5	–	–
1969	100.0	57.5	29.2	13.2	8.5	4.7	–	–
1970	100.0	52.3	31.5	16.2	10.4	5.8	–	–
1971	100.0	44.8	31.6	23.7	13.3	10.4	–	–
1972	100.0	45.9	30.2	23.9	12.3	11.6	–	–
1973	100.0	51.0	30.1	18.9	11.1	7.9	–	–
1974	100.0	50.5	31.0	18.5	11.1	7.4	–	–
1975	100.0	37.1	31.3	31.6	16.4	15.2	–	–
1976	100.0	38.4	29.6	32.0	13.8	18.2	–	–
1977	100.0	41.8	30.5	27.8	13.1	14.7	–	–
1978	100.0	46.2	31.0	22.8	12.3	10.5	–	–
1979	100.0	48.1	31.7	20.2	11.5	8.7	–	–
1980	100.0	43.2	32.3	24.5	13.8	10.7	–	–
1981	100.0	41.7	30.7	27.6	13.6	14.0	–	–
1982	100.0	36.4	31.0	32.6	16.0	16.6	–	–
1983	100.0	33.3	27.4	39.3	15.4	23.9	–	–

[1] Not available.

Table 32. Unemployed persons and unemployment rates by sex, age, race, and reason for unemployment, 1967-83

(Numbers in thousands)

Year, sex, age, and race	Number unemployed						Unemployment rate[1]					
	Total	Job losers	Job leavers	Entrants			Total	Job losers	Job leavers	Entrants		
				Total	Reentrants	New workers				Total	Reentrants	New workers
TOTAL												
1967	2,975	1,229	438	1,341	945	396	3.8	1.6	0.5	1.7	1.2	0.5
1968	2,817	1,070	431	1,316	909	407	3.6	1.4	.5	1.7	1.2	.5
1969	2,832	1,017	436	1,378	965	413	3.5	1.2	.5	1.7	1.2	.5
1970	4,093	1,811	550	1,732	1,228	504	4.9	2.2	.7	2.1	1.5	.6
1971	5,016	2,323	590	2,102	1,472	630	5.9	2.8	.7	2.5	1.7	.7
1972	4,882	2,108	641	2,133	1,456	677	5.6	2.4	.7	2.4	1.7	.8
1973	4,365	1,694	683	1,989	1,340	649	4.9	1.9	.8	2.2	1.5	.7
1974	5,156	2,242	768	2,144	1,463	681	5.6	2.4	.8	2.3	1.6	.7
1975	7,929	4,386	827	2,715	1,892	823	8.5	4.7	.9	2.9	2.0	.9
1976	7,406	3,679	903	2,823	1,928	895	7.7	3.8	.9	2.9	2.0	.9
1977	6,991	3,166	909	2,916	1,963	953	7.1	3.2	.9	3.0	2.0	1.0
1978	6,202	2,585	874	2,742	1,857	885	6.1	2.5	.8	2.7	1.8	.9
1979	6,137	2,635	880	2,623	1,806	817	5.8	2.5	.8	2.5	1.7	.8
1980	7,637	3,947	891	2,799	1,927	872	7.1	3.7	.8	2.6	1.8	.8
1981	8,273	4,267	923	3,083	2,102	981	7.6	3.9	.8	2.8	1.9	.9
1982	10,678	6,268	840	3,569	2,384	1,185	9.7	5.7	.8	3.3	2.2	1.1
1983	10,717	6,258	830	3,628	2,412	1,216	9.6	5.6	.7	3.3	2.2	1.1
Men, 20 years and over												
1967	1,060	678	165	219	194	25	2.3	1.5	.4	.5	.4	.1
1968	993	599	167	227	205	22	2.2	1.3	.4	.5	.4	.1
1969	963	556	164	243	216	27	2.1	1.2	.4	.6	.5	.1
1970	1,638	1,066	209	362	318	44	3.5	2.2	.4	.8	.7	.1
1971	2,097	1,391	239	468	411	57	4.4	2.9	.5	1.0	.9	.1
1972	1,948	1,219	248	480	420	60	4.0	2.5	.5	1.0	.9	.1
1973	1,624	959	258	406	350	56	3.3	1.9	.5	.8	.7	.1
1974	1,957	1,276	276	404	356	48	3.8	2.5	.5	.8	.7	.1
1975	3,476	2,598	298	582	506	76	6.8	5.0	.6	1.1	1.0	.1
1976	3,098	2,167	323	604	521	86	5.9	4.1	.6	1.2	1.0	.2
1977	2,794	1,816	335	643	540	103	5.2	3.4	.6	1.2	1.0	.2
1978	2,328	1,433	337	557	471	86	4.3	2.6	.6	1.1	.9	.2
1979	2,308	1,464	325	519	446	73	4.2	2.5	.6	.9	.8	.1
1980	3,353	2,389	359	606	516	90	5.9	4.2	.6	1.1	.9	.2
1981	3,615	2,565	356	694	592	102	6.3	4.5	.6	1.2	1.0	.2
1982	5,089	3,965	327	797	678	119	8.8	6.8	.6	1.4	1.2	.2
1983	5,257	4,088	336	833	695	138	8.9	6.9	.6	1.4	1.2	.2
Women, 20 years and over												
1967	1,078	401	179	508	454	54	4.2	1.6	.7	2.0	1.8	.2
1968	985	341	167	477	422	55	3.8	1.3	.6	1.8	1.6	.2
1969	1,015	335	171	510	455	55	3.7	1.2	.6	1.9	1.7	.2
1970	1,349	546	214	589	531	58	4.8	1.9	.8	2.1	1.9	.2
1971	1,658	700	235	723	651	72	5.7	2.5	.8	2.5	2.3	.2
1972	1,625	641	264	721	641	80	5.4	2.2	.9	2.4	2.1	.3
1973	1,507	522	280	705	625	80	4.9	1.6	.9	2.3	2.0	.3
1974	1,777	685	319	773	673	100	5.5	2.1	1.0	2.4	2.1	.3
1975	2,684	1,339	375	972	858	114	8.0	4.0	1.1	2.9	2.6	.3
1976	2,588	1,124	427	1,038	912	126	7.4	3.2	1.2	3.0	2.6	.4
1977	2,535	1,031	419	1,085	945	140	7.0	2.8	1.2	3.0	2.6	.4
1978	2,292	852	371	1,068	930	138	6.0	2.3	1.0	2.8	2.4	.4
1979	2,276	851	370	1,053	908	145	5.7	2.1	.9	2.7	2.3	.4
1980	2,615	1,170	376	1,069	930	139	6.4	2.8	.9	2.6	2.3	.3
1981	2,895	1,317	404	1,174	1,023	151	6.8	3.1	1.0	2.8	2.4	.4
1982	3,613	1,844	379	1,389	1,197	192	8.3	4.2	.9	3.1	2.7	.4
1983	3,632	1,801	382	1,447	1,235	212	8.1	4.0	.9	3.3	2.8	.5

See footnotes at end of table.

Table 32. Unemployed persons and unemployment rates by sex, age, race, and reason for unemployment, 1967-83—Continued

(Numbers in thousands)

Year, sex, age, and race	Number unemployed						Unemployment rate[1]					
	Total	Job losers	Job leavers	Entrants			Total	Job losers	Job leavers	Entrants		
				Total	Reentrants	New workers				Total	Reentrants	New workers
Both sexes, 16 to 19 years												
1967	839	151	95	614	297	317	12.9	2.3	1.5	9.4	4.6	4.9
1968	838	130	97	611	281	330	12.7	2.0	1.5	9.2	4.2	5.0
1969	853	127	101	626	295	331	12.2	1.8	1.5	9.0	4.2	4.8
1970	1,106	200	126	779	378	401	15.3	2.8	1.7	10.7	5.2	5.5
1971	1,262	233	117	911	410	501	16.9	3.1	1.6	12.2	5.5	6.7
1972	1,308	248	129	931	395	536	16.2	3.1	1.6	11.5	4.9	6.6
1973	1,235	212	146	877	364	513	14.5	2.4	1.7	10.3	4.3	6.0
1974	1,422	260	173	969	436	533	16.0	3.1	2.0	10.9	4.9	6.0
1975	1,767	450	155	1,163	529	634	19.9	5.1	1.7	13.1	6.0	7.1
1976	1,719	387	153	1,179	496	683	19.0	4.3	1.7	13.0	5.5	7.5
1977	1,663	318	156	1,188	477	711	17.8	3.4	1.7	12.7	5.1	7.6
1978	1,583	300	167	1,115	455	660	16.4	3.1	1.7	11.5	4.7	6.8
1979	1,555	319	184	1,051	452	599	16.1	3.3	1.9	10.9	4.7	6.2
1980	1,669	388	156	1,124	481	643	17.8	4.1	1.7	12.0	5.1	6.9
1981	1,763	385	162	915	487	428	19.6	4.3	1.8	13.5	5.4	8.1
1982	1,977	460	134	1,383	509	874	23.2	5.4	1.6	16.2	6.0	10.2
1983	1,829	370	110	1,349	482	867	22.4	4.6	1.3	16.5	5.9	10.6
WHITE												
1967	2,338	987	347	1,033	740	293	3.4	1.4	.5	1.5	1.1	.4
1968	2,226	849	346	1,031	718	313	3.2	1.2	.5	1.5	1.0	.5
1969	2,260	816	357	1,088	767	321	3.1	1.1	.5	1.5	1.1	.4
1970	3,339	1,503	456	1,379	983	396	4.5	1.1	.5	1.5	1.1	.4
1971	4,085	1,928	486	1,671	1,179	492	5.4	2.1	.6	1.8	1.3	.5
1972	3,906	1,719	531	1,656	1,136	520	5.1	2.5	.6	2.2	1.6	.7
1973	3,442	1,371	557	1,512	1,032	480	4.3	2.3	.7	2.1	1.5	.7
1974	4,097	1,813	641	1,643	1,145	498	5.0	1.7	.7	1.9	1.3	.6
1975	6,421	3,593	706	2,123	1,508	615	7.8	4.3	.8	2.5	1.8	.7
1976	5,914	2,999	766	2,148	1,484	664	7.0	3.6	.9	2.6	1.8	.8
1977	5,441	2,529	771	2,142	1,467	675	6.2	2.9	.9	2.5	1.7	.8
1978	4,698	2,008	723	1,967	1,369	598	5.2	2.3	.8	2.2	1.5	.7
1979	4,664	2,033	730	1,900	1,338	562	5.1	2.2	.8	2.1	1.5	.6
1980	5,884	3,100	733	2,050	1,447	603	6.3	3.3	.8	2.1	1.5	.6
1981	6,343	3,335	758	2,249	1,565	684	6.7	3.5	.8	2.3	1.6	.7
1982	8,241	4,949	698	2,594	1,785	809	8.6	5.2	.7	2.7	1.9	.8
1983	8,128	4,896	683	2,549	1,722	827	8.4	5.1	.7	2.7	1.8	.9
BLACK												
1972	906	452	5	449	299	150	10.4	5.2	.1	5.2	3.4	1.7
1973	846	401	4	440	287	153	9.4	4.5	([2])	4.9	3.2	1.7
1974	965	495	6	463	295	168	10.5	5.4	.1	5.0	3.2	1.8
1975	1,369	824	5	540	353	187	14.8	8.9	.1	5.8	3.8	2.0
1976	1,334	717	10	607	401	206	14.0	7.5	.1	6.3	4.2	2.2
1977	1,393	690	7	698	447	251	14.0	6.9	.1	7.0	4.5	2.5
1978	1,330	632	9	690	433	257	12.8	6.1	.1	6.6	4.2	2.5
1979	1,319	659	6	655	427	228	12.3	6.2	.1	6.1	4.0	2.1
1980	1,553	879	11	663	424	239	14.3	8.1	.1	6.1	3.9	2.2
1981	1,731	972	12	747	479	268	15.6	8.8	.1	6.7	4.3	2.4
1982	2,142	1,279	15	852	524	328	18.9	11.3	.1	7.5	4.6	2.9
1983	2,272	1,307	19	946	602	344	19.5	11.2	.2	8.2	5.2	3.0

[1] Unemployment as a percent of the civilian labor force.

[2] Less than 0.05 percent.

Table 33. Percent distribution of total and long-term unemployment by sex, age, and race, 1970-83

(Numbers in thousands)

Sex, age, and race	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	Total unemployed													
Total:														
Number (thousands)	4,093	5,016	4,882	4,365	5,156	7,929	7,406	6,991	6,202	6,137	7,637	8,273	10,678	10,717
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE														
Men	54.7	55.6	54.5	52.0	52.6	56.0	54.4	52.3	50.4	50.6	55.8	55.3	57.9	58.4
16 to 19 years	14.7	13.8	14.6	15.0	14.8	12.2	12.7	12.6	13.2	13.3	12.0	11.6	10.2	9.4
16 to 17 years	7.5	6.9	7.3	8.1	7.7	5.6	6.0	6.0	6.9	6.4	5.6	5.2	4.4	3.8
18 to 19 years	7.2	6.9	7.3	6.9	7.1	6.6	6.7	6.5	6.3	6.9	6.4	6.4	5.8	5.6
20 to 24 years	11.7	12.7	12.8	11.9	12.4	13.5	12.7	12.3	12.1	11.8	13.9	13.8	13.2	12.8
25 to 44 years	15.7	16.6	15.2	14.7	15.6	18.7	18.0	17.6	15.9	16.5	21.1	21.3	25.0	25.8
45 to 64 years	10.9	11.1	10.3	9.0	8.6	10.2	9.7	8.4	7.9	7.9	8.1	7.9	8.8	9.8
65 years and over	1.7	1.4	1.5	1.3	1.2	1.3	1.3	1.4	1.3	1.2	.8	.7	.6	.7
Women	45.3	44.4	45.5	48.0	47.4	44.0	45.6	47.7	49.5	49.4	44.2	44.7	42.1	41.6
16 to 19 years	12.4	11.3	12.3	13.4	13.0	10.2	10.6	11.4	12.6	12.3	10.0	9.7	8.3	7.7
16 to 17 years	5.7	5.0	5.7	6.5	5.9	4.5	4.8	5.2	6.0	5.7	4.6	4.2	3.4	3.2
18 to 19 years	6.7	6.4	6.6	7.0	7.1	5.7	5.8	6.2	6.6	6.6	5.4	5.4	4.9	4.5
20 to 24 years	9.4	9.7	10.3	10.9	10.9	9.8	10.2	10.7	11.4	11.3	9.8	10.1	9.2	9.0
25 to 44 years	14.4	14.5	14.4	15.2	15.3	15.6	16.4	17.1	17.9	18.3	17.6	18.3	18.0	18.3
45 to 64 years	8.3	8.0	7.8	7.6	7.5	7.8	7.6	7.8	6.9	6.9	6.3	6.7	6.3	6.3
65 years and over	.8	.8	.8	.7	.7	.7	.7	.7	.7	6.4	.5	.5	.4	.4
RACE AND SEX														
White	81.6	81.6	80.2	79.2	79.9	81.4	80.3	78.4	76.4	76.8	77.7	76.7	77.2	75.8
Men	45.4	46.1	44.6	42.2	42.3	45.9	44.2	41.5	39.1	39.5	44.2	43.3	45.4	45.3
Women	36.2	35.5	35.6	37.0	37.6	35.4	36.1	36.9	37.3	37.3	33.6	33.4	31.8	30.5
Black	(1)	(1)	18.5	19.3	18.6	17.1	17.9	19.8	21.3	21.3	19.6	20.9	20.1	21.2
Men	(1)	(1)	9.1	9.0	9.5	9.3	9.3	9.9	10.2	10.2	10.3	10.8	10.9	11.3
Women	(1)	(1)	9.3	10.3	9.0	7.9	8.5	9.9	11.1	11.1	9.3	10.2	9.1	9.9
	Unemployed 15 weeks and over													
Total:														
Number (thousands)	663	1,187	1,167	826	955	2,505	2,366	1,942	1,414	1,241	1,871	2,285	3,485	4,210
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE														
Men	60.1	62.1	61.7	59.2	60.4	61.5	60.5	58.8	58.0	57.8	63.8	62.8	64.4	66.3
16 to 19 years	9.2	9.3	9.1	9.0	11.0	7.7	7.4	7.6	8.2	8.2	7.7	8.0	6.9	5.7
16 to 17 years	4.5	4.1	4.0	4.2	4.5	2.7	2.6	2.9	3.1	3.1	3.1	2.7	2.2	1.6
18 to 19 years	4.7	5.2	5.1	4.8	6.5	5.0	4.8	4.7	5.1	5.2	4.6	5.3	4.6	4.1
20 to 24 years	10.0	12.1	12.6	11.9	12.2	14.9	13.3	12.8	12.7	11.5	14.6	15.4	13.9	12.8
25 to 44 years	18.9	21.2	20.5	20.9	20.0	23.1	22.6	22.8	21.5	22.7	28.7	27.5	31.1	33.3
45 to 64 years	17.8	16.8	16.6	14.9	14.7	13.6	15.2	11.8	13.3	13.6	11.9	11.1	11.8	13.8
65 years and over	4.2	2.7	2.9	2.5	2.6	2.1	2.0	2.1	2.4	1.9	.8	.8	.7	.7
Women	39.9	37.9	38.4	40.8	39.6	38.5	39.5	41.2	42.0	42.3	36.2	37.2	35.6	33.7
16 to 19 years	7.1	5.8	6.6	7.8	7.4	5.1	5.4	5.8	6.7	6.1	4.6	5.2	4.5	3.5
16 to 17 years	3.2	1.9	2.5	3.0	3.0	2.0	1.9	2.3	2.5	2.2	1.6	1.8	1.3	1.1
18 to 19 years	3.9	3.8	4.1	4.8	4.4	3.1	3.5	3.6	4.1	3.9	3.0	3.3	3.3	2.4
20 to 24 years	6.9	7.1	6.8	8.0	8.2	7.7	7.8	8.3	8.8	9.4	7.1	7.3	7.2	6.1
25 to 44 years	14.0	14.2	13.4	13.8	12.9	15.4	15.5	16.3	16.8	18.0	16.8	17.3	16.7	16.9
45 to 64 years	10.6	9.8	10.3	10.2	10.0	9.2	9.7	9.8	8.7	8.2	7.1	7.1	6.8	6.8
65 years and over	1.2	1.0	1.4	1.0	1.2	1.0	1.2	1.2	.9	.6	.5	.4	.4	.4
RACE AND SEX														
White	81.3	80.9	80.6	77.1	77.6	80.3	80.2	77.4	72.2	72.9	75.5	73.2	74.9	74.6
Men	50.0	51.1	50.5	46.9	46.9	49.7	48.6	45.3	42.1	42.9	49.2	47.3	49.3	50.5
Women	31.3	30.0	30.1	30.2	30.7	30.7	31.6	32.1	30.0	30.0	26.2	25.9	25.6	24.2
Black	(1)	(1)	17.9	21.9	21.2	18.1	18.2	21.0	25.5	25.4	22.1	24.3	22.8	22.9
Men	(1)	(1)	10.0	11.7	12.7	11.0	10.9	12.5	14.4	13.9	13.0	14.0	13.6	14.2
Women	(1)	(1)	7.7	10.1	8.5	7.1	7.2	8.6	11.0	11.5	9.1	10.4	9.2	8.7

See footnote at end of table.

Table 33. Percent distribution of total and long-term unemployment by sex, age, and race, 1970-83—Continued

(Numbers in thousands)

Sex, age, and race	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
	Unemployed 27 weeks and over													
Total:														
Number (thousands)	235	519	566	343	381	1,203	1,348	1,028	648	535	820	1,162	1,176	2,559
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE														
Men	62.4	62.3	62.3	61.4	63.0	62.9	61.5	60.9	59.4	59.7	64.8	66.3	66.6	68.9
16 to 19 years	5.5	7.2	6.9	7.2	8.0	5.5	5.1	5.9	6.2	7.1	5.2	6.5	5.8	4.5
16 to 17 years	3.4	2.7	3.0	3.0	2.9	1.6	1.7	2.1	2.4	2.5	2.1	2.1	1.7	1.0
18 to 19 years	2.1	4.4	3.9	4.2	5.1	3.9	3.4	3.9	3.9	4.8	3.1	4.5	4.1	3.5
20 to 24 years	9.3	1.0	10.9	10.9	10.2	13.8	12.6	12.2	11.1	9.1	14.3	15.1	13.2	12.5
25 to 44 years	20.3	21.3	21.9	21.9	23.1	24.6	24.2	23.9	22.3	24.7	30.0	30.6	33.2	35.9
45 to 64 years	21.5	19.3	18.9	18.9	18.0	16.3	17.7	15.9	16.6	16.4	14.1	13.0	13.8	15.3
65 years and over	5.9	3.5	3.7	3.3	3.5	2.7	1.9	2.9	3.5	2.3	1.1	.9	.7	.8
Women	37.6	37.9	37.7	38.6	37.0	37.1	38.5	39.0	40.6	40.3	35.0	33.8	33.4	31.0
16 to 19 years	4.2	5.0	4.3	6.6	5.4	3.7	4.0	4.4	5.5	5.0	3.9	3.8	3.2	2.3
16 to 17 years	1.3	1.5	1.8	1.8	2.1	1.5	1.3	1.7	1.7	1.7	1.2	1.1	.7	.6
18 to 19 years	3.0	3.5	2.5	4.8	3.2	2.2	2.8	2.8	3.9	3.3	2.6	2.7	2.4	1.6
20 to 24 years	5.9	6.0	6.0	6.9	7.0	6.6	7.0	7.2	7.7	8.7	6.9	6.1	6.5	5.2
25 to 44 years	13.9	14.1	14.1	12.3	11.3	14.8	15.1	15.8	16.7	16.4	15.8	15.9	16.2	15.9
45 to 64 years	11.8	11.4	11.7	11.7	11.8	10.6	11.1	10.3	9.3	10.0	7.9	7.5	7.1	7.2
65 years and over	1.7	1.4	1.6	1.2	1.3	1.5	1.3	1.5	1.1	.6	.6	.5	.3	.4
RACE AND SEX														
White	80.0	81.4	81.5	77.2	77.2	80.3	79.6	76.7	69.8	69.3	73.1	71.0	72.7	73.1
Men	52.3	51.8	51.3	49.1	49.3	50.5	49.1	47.1	42.2	42.1	48.6	48.0	49.2	51.5
Women	27.7	29.8	30.1	28.1	27.9	29.8	30.4	29.7	27.6	27.2	24.3	23.0	23.5	21.5
Black	(1)	(1)	17.1	22.0	22.0	18.4	18.9	21.9	28.0	29.2	24.5	26.6	38.1	24.3
Men	(1)	(1)	10.1	11.9	13.1	11.7	11.5	13.0	15.6	16.6	14.6	16.4	24.1	15.6
Women	(1)	(1)	6.9	10.1	8.8	6.7	7.4	9.0	12.2	12.4	9.8	10.1	13.9	8.7

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[1] Not available.

Table 34. Long-term unemployment by industry and occupation, 1982-83

(In thousands)

Industry and occupation	1982	1983
	Unemployed 15 weeks and over	
Total[1]	3,485	4,210
INDUSTRY		
Agriculture	59	75
Mining	52	100
Construction	376	425
Manufacturing	1,093	1,292
Durable goods	758	904
Nondurable goods	335	388
Transportation and public utilities	164	220
Wholesale and retail trade	605	745
Finance and services	692	858
Public administration	106	126
OCCUPATION		
Managerial and professional specialty	261	340
Executive, administrative, and managerial	146	185
Professional specialty	115	154
Technical, sales, and administrative support	611	775
Technicians and related support	45	64
Sales occupations	221	280
Administrative support, including clerical	344	430
Service occupations	473	585
Precision production, craft, and repair	500	669
Operators, fabricators, and laborers	1,276	1,401
Machine operators, assemblers, and inspectors	631	715
Transportation and material moving occupations	252	283
Handlers, equipment cleaners, helpers, and laborers	394	402
Farming, forestry, and fishing	95	112
	Unemployed 27 weeks and over	
Total[1]	1,776	2,559
INDUSTRY		
Agriculture	25	36
Mining	26	64
Construction	182	251
Manufacturing	584	865
Durable goods	413	628
Nondurable goods	171	237
Transportation and public utilities	86	141
Wholesale and retail trade	292	419
Finance and services	359	496
Public administration	61	75
OCCUPATION		
Managerial and professional specialty	141	191
Executive, administrative, and managerial	80	104
Professional specialty	61	87
Technical, sales, and administrative support	289	436
Technicians and related support	17	36
Sales occupations	103	151
Administrative support, including clerical	169	250
Service occupations	243	345
Precision production, craft, and repair	255	430
Operators, fabricators, and laborers	678	911
Machine operators, assemblers, and inspectors	335	471
Transportation and material moving occupations	138	179
Handlers, equipment cleaners, helpers, and laborers	205	262
Farming, forestry, and fishing	44	59

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[1] Includes persons with no previous work experience and those whose last job was in the Armed Forces.

NOTE: These occupational data are based on the 1980 census classification system and are not comparable with 1972-82 data based on the 1970 census system. For a further explanation, see the Technical Note on the Current Population Survey.

Table 35. Unemployed jobseekers by sex, age, race, and jobsearch methods used, 1976-83

Year, sex, age, and race	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
1976									
Total, 16 years and over	7,406	6,217	28.1	6.4	72.0	30.4	15.0	6.3	1.58
16 to 19 years	1,719	1,590	17.6	3.8	79.1	25.5	13.4	4.4	1.44
20 to 24 years	1,714	1,469	32.0	6.8	72.0	33.9	14.8	4.8	1.64
25 to 34 years	1,710	1,381	32.9	8.1	70.3	32.6	15.3	7.0	1.66
35 to 44 years	849	671	33.0	8.1	68.4	31.3	15.5	7.4	1.64
45 to 54 years	758	581	30.7	7.4	65.4	31.4	16.7	9.5	1.61
55 to 64 years	510	395	29.3	5.6	68.5	28.0	15.8	9.5	1.57
65 years and over	147	129	19.4	3.9	66.2	25.6	20.9	7.5	1.43
Men, 16 years and over	4,036	3,272	30.5	6.5	73.1	28.3	17.5	8.2	1.64
16 to 19 years	939	858	17.4	3.0	80.8	24.1	15.6	4.4	1.45
20 to 24 years	951	783	34.3	6.2	73.7	31.4	17.6	5.8	1.69
25 to 34 years	914	691	38.4	8.6	70.5	32.0	18.3	9.7	1.77
35 to 44 years	431	328	39.5	10.9	69.1	27.9	16.8	11.8	1.76
45 to 54 years	411	305	32.3	8.8	66.0	29.4	20.0	14.4	1.71
55 to 64 years	296	224	32.8	5.4	67.1	25.6	17.7	12.6	1.61
65 years and over	94	84	17.8	2.6	69.3	16.7	21.4	9.2	1.37
Women, 16 years and over	3,369	2,945	25.4	6.2	70.8	32.7	12.2	4.1	1.51
16 to 19 years	780	733	18.0	4.7	76.9	27.0	10.8	4.4	1.42
20 to 24 years	763	688	29.3	7.4	70.0	36.7	11.4	3.6	1.58
25 to 34 years	795	689	27.3	7.4	70.1	33.3	12.4	4.3	1.55
35 to 44 years	417	343	26.9	5.2	67.7	34.6	14.2	3.2	1.52
45 to 54 years	346	276	29.1	5.8	64.7	33.3	13.1	4.3	1.50
55 to 64 years	214	171	24.8	5.9	70.2	31.0	13.8	5.3	1.51
65 years and over	53	46	21.7	6.4	59.0	41.7	20.1	4.3	1.53
White, 16 years and over	5,914	4,888	26.2	6.4	73.0	32.1	14.8	6.4	1.59
Men	3,258	2,598	28.9	6.5	73.9	29.9	17.3	8.5	1.65
Women	2,656	2,289	23.1	6.3	72.0	34.7	12.0	3.9	1.52
Black, 16 years and over	1,334	1,190	35.5	6.0	68.3	23.8	15.0	5.1	1.54
Men	698	604	37.8	6.5	70.1	22.1	17.5	6.0	1.60
Women	637	585	33.3	5.4	66.7	25.6	12.5	4.2	1.48
1977									
Total, 16 years and over	6,991	5,987	27.5	6.5	72.6	30.1	14.2	6.7	1.58
16 to 19 years	1,663	1,554	18.7	3.4	79.4	23.7	12.7	5.0	1.43
20 to 24 years	1,629	1,417	31.6	7.3	74.4	32.0	14.1	5.2	1.65
25 to 34 years	1,650	1,374	32.7	8.2	70.7	33.8	14.4	6.4	1.66
35 to 44 years	785	635	31.6	7.7	67.5	31.7	15.0	8.3	1.62
45 to 54 years	666	525	27.3	8.0	63.8	33.1	14.8	10.9	1.58
55 to 64 years	450	353	26.3	6.6	66.1	30.8	17.1	11.7	1.59
65 years and over	147	129	17.1	5.5	68.5	25.6	16.3	6.6	1.40
Men, 16 years and over	3,667	3,049	30.6	6.8	72.8	27.9	16.4	8.7	1.63
16 to 19 years	874	809	20.3	3.2	80.2	21.3	14.8	5.3	1.45
20 to 24 years	877	734	35.2	7.2	75.3	30.6	16.3	6.1	1.71
25 to 34 years	869	689	38.7	9.8	70.2	32.4	16.7	8.3	1.76
35 to 44 years	373	287	37.3	9.7	65.9	29.2	17.9	13.5	1.73
45 to 54 years	326	250	27.4	8.7	62.1	28.3	18.4	17.2	1.62
55 to 64 years	252	193	26.6	5.2	66.5	28.7	18.5	15.6	1.61
65 years and over	97	87	18.3	4.8	70.3	23.0	14.9	7.7	1.39
Women, 16 years and over	3,324	2,939	24.3	6.1	72.3	32.3	11.9	4.6	1.52
16 to 19 years	789	745	16.9	3.7	78.5	26.2	10.5	4.8	1.41
20 to 24 years	752	683	27.7	7.5	73.5	33.4	11.7	4.4	1.58
25 to 34 years	782	684	26.6	6.5	71.3	35.3	12.0	4.4	1.56
35 to 44 years	412	349	27.0	6.0	68.6	33.7	12.8	4.0	1.52
45 to 54 years	340	275	27.0	7.2	64.9	37.4	11.7	4.7	1.53
55 to 64 years	198	160	25.9	8.1	65.0	33.1	16.0	6.3	1.54
65 years and over	50	42	14.2	7.0	64.7	31.4	19.7	4.7	1.42
White, 16 years and over	5,441	4,570	25.2	6.4	73.7	31.6	13.8	6.8	1.57
Men	2,883	2,349	28.1	6.8	73.5	29.3	16.0	9.3	1.63
Women	2,558	2,222	22.1	5.9	73.9	34.0	11.5	4.1	1.52
Black, 16 years and over	1,393	1,275	35.5	7.0	70.0	25.3	14.8	5.7	1.58
Men	698	625	39.3	7.1	71.6	23.3	17.0	5.9	1.64
Women	695	650	31.9	7.0	67.8	27.2	12.6	5.5	1.52

See footnotes at end of table.

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Table 35. Unemployed jobseekers by sex, age, race, and jobsearch methods used, 1976-83—Continued

Year, sex, age, and race	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
1978									
Total, 16 years and over	6,202	5,339	26.4	5.9	71.6	29.1	13.9	6.3	1.53
16 to 19 years	1,583	1,484	17.1	3.1	78.0	24.4	12.0	5.0	1.40
20 to 24 years	1,483	1,287	30.3	6.7	72.5	31.4	13.9	5.2	1.60
25 to 34 years	1,422	1,177	31.6	7.5	68.9	33.3	15.2	6.3	1.63
35 to 44 years	694	564	31.4	7.2	68.2	29.3	14.2	7.0	1.57
45 to 54 years	552	447	27.6	7.3	65.5	29.4	15.6	8.7	1.54
55 to 64 years	345	274	25.9	6.6	63.2	27.6	13.7	12.5	1.50
65 years and over	123	105	20.0	3.9	65.2	23.8	18.1	6.2	1.37
Men, 16 years and over	3,142	2,629	28.5	5.9	72.3	26.7	16.3	8.1	1.58
16 to 19 years	813	758	17.4	2.5	78.9	22.0	14.5	5.5	1.41
20 to 24 years	768	645	33.0	7.1	72.8	29.6	16.3	6.3	1.65
25 to 34 years	691	540	36.8	7.8	69.9	31.0	18.3	8.1	1.72
35 to 44 years	314	240	38.7	8.2	66.8	27.4	16.0	11.5	1.69
45 to 54 years	277	219	28.4	7.2	67.4	26.2	18.6	12.7	1.61
55 to 64 years	198	156	24.8	6.4	64.8	22.8	13.5	16.9	1.49
65 years and over	81	70	18.5	3.1	68.9	22.9	15.5	6.6	1.39
Women, 16 years and over	3,061	2,711	24.3	5.9	70.9	31.6	11.6	4.6	1.49
16 to 19 years	769	727	17.0	3.8	77.3	26.8	9.4	4.5	1.39
20 to 24 years	714	643	27.6	6.3	72.2	33.1	11.4	4.0	1.55
25 to 34 years	731	637	27.2	7.0	68.0	35.4	12.6	4.6	1.55
35 to 44 years	381	324	26.0	6.4	69.2	30.7	12.9	3.7	1.49
45 to 54 years	275	228	27.0	7.4	63.7	32.6	12.4	4.8	1.48
55 to 64 years	148	119	27.4	6.8	61.1	34.7	14.1	7.6	1.52
65 years and over	43	35	22.8	5.5	57.7	23.5	20.9	5.7	1.36
White, 16 years and over	4,698	3,962	24.0	5.8	72.7	30.4	13.7	6.3	1.53
Men	2,411	1,977	26.0	5.7	73.3	27.4	15.8	8.3	1.57
Women	2,287	1,986	22.0	6.0	72.1	33.3	11.7	4.3	1.49
Black, 16 years and over	1,330	1,222	34.0	6.2	68.8	25.3	13.6	6.0	1.54
Men	641	575	37.3	6.5	70.3	23.5	16.6	7.2	1.61
Women	690	647	31.2	5.9	67.7	26.9	11.0	4.9	1.48
1979									
Total, 16 years and over	6,137	5,171	26.6	6.4	71.3	30.0	13.7	6.4	1.54
16 to 19 years	1,555	1,446	19.2	3.2	77.4	23.7	13.1	5.1	1.42
20 to 24 years	1,442	1,219	29.7	7.3	72.4	31.6	12.9	5.2	1.59
25 to 34 years	1,446	1,167	30.8	8.2	69.0	35.0	14.1	6.3	1.63
35 to 44 years	705	562	30.8	8.5	67.9	31.4	14.2	7.6	1.60
45 to 54 years	540	420	28.2	6.6	66.4	30.4	15.0	9.3	1.56
55 to 64 years	346	273	25.3	6.7	60.4	28.9	14.9	12.6	1.49
65 years and over	104	86	17.5	3.6	61.1	33.7	19.8	6.3	1.42
Men, 16 years and over	3,120	2,531	28.6	6.5	72.3	27.8	16.3	7.9	1.59
16 to 19 years	811	744	19.9	3.1	78.4	22.0	15.1	5.0	1.43
20 to 24 years	744	601	31.7	6.7	73.7	29.4	15.0	6.2	1.63
25 to 34 years	699	520	35.2	9.3	69.8	34.3	18.0	7.9	1.74
35 to 44 years	329	251	35.6	9.9	68.9	28.7	17.4	10.3	1.71
45 to 54 years	272	206	32.1	7.2	68.2	26.4	17.8	13.5	1.65
55 to 64 years	196	152	25.4	6.6	59.3	25.4	16.5	16.7	1.50
65 years and over	67	57	17.5	3.9	65.4	35.2	19.2	8.0	1.49
Women, 16 years and over	3,018	2,641	24.6	6.2	70.2	32.1	11.3	5.1	1.49
16 to 19 years	743	703	18.4	3.5	76.4	25.7	11.0	5.2	1.40
20 to 24 years	697	618	27.7	7.7	71.2	33.9	10.8	4.4	1.56
25 to 34 years	748	647	27.2	7.4	68.4	35.6	11.0	5.0	1.54
35 to 44 years	375	311	27.1	7.3	67.0	33.6	11.5	5.5	1.52
45 to 54 years	268	214	24.1	6.0	64.1	34.2	11.8	5.6	1.46
55 to 64 years	150	120	26.3	6.7	61.4	33.5	13.2	7.5	1.49
65 years and over	38	28	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	4,664	3,855	23.9	6.2	72.6	31.5	14.0	6.4	1.55
Men	2,405	1,911	26.4	6.3	73.4	29.2	16.5	8.1	1.60
Women	2,260	1,944	21.4	6.0	71.8	33.8	11.7	4.7	1.49
Black, 16 years and over	1,319	1,182	34.9	6.9	67.3	25.4	11.9	6.5	1.53
Men	636	551	35.9	6.6	69.1	23.1	14.2	6.8	1.56
Women	683	631	34.2	6.9	65.7	27.4	9.7	6.2	1.50

See footnotes at end of table.

able 35. Unemployed jobseekers by sex, age, race, and jobsearch methods used, 1976-83—Continued

Year, sex, age, and race	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
1980									
Total, 16 years and over	7,637	6,022	27.8	6.1	73.3	30.8	13.9	5.8	1.58
6 to 19 years	1,669	1,543	18.9	3.4	79.5	24.3	12.9	4.5	1.44
0 to 24 years	1,835	1,469	31.6	6.7	73.6	32.5	13.9	4.6	1.63
5 to 34 years	2,024	1,506	31.9	7.5	70.8	35.3	14.1	6.2	1.66
5 to 44 years	940	675	31.0	7.1	70.4	32.7	14.3	6.1	1.62
5 to 54 years	676	473	29.7	7.3	68.1	32.4	14.3	9.3	1.61
5 to 64 years	399	285	25.7	6.8	68.6	26.8	15.1	9.0	1.52
5 years and over	94	70	17.2	4.4	63.7	24.3	17.2	7.7	1.35
Men, 16 years and over	4,267	3,195	30.3	6.1	74.2	28.7	16.4	7.1	1.63
16 to 19 years	913	836	17.9	3.1	80.3	23.1	15.5	4.4	1.44
20 to 24 years	1,076	813	35.1	6.2	75.1	30.7	16.8	4.9	1.69
25 to 34 years	1,137	771	37.1	8.2	72.0	33.7	17.0	7.9	1.76
35 to 44 years	482	322	37.1	7.1	71.0	29.6	16.7	9.6	1.71
45 to 54 years	357	238	32.4	8.7	68.7	27.9	16.7	13.4	1.68
55 to 64 years	243	170	25.7	5.9	67.7	25.6	15.9	13.1	1.54
65 years and over	58	45	15.4	5.0	62.8	22.3	15.4	7.8	1.29
Women, 16 years and over	3,370	2,827	24.9	6.1	72.2	33.0	11.1	4.2	1.52
16 to 19 years	755	708	20.2	3.8	78.7	25.6	10.0	4.6	1.43
20 to 24 years	760	656	27.4	7.4	71.7	34.9	10.3	4.1	1.56
25 to 34 years	886	735	26.6	6.7	69.8	37.0	11.0	4.4	1.55
35 to 44 years	459	352	25.3	7.1	70.0	35.6	12.2	2.8	1.53
45 to 54 years	318	235	27.4	5.9	67.7	37.1	11.6	5.1	1.55
55 to 64 years	155	115	25.8	7.9	69.9	29.2	14.7	2.7	1.50
65 years and over	36	25	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	5,884	4,526	25.8	6.2	74.2	32.7	14.0	5.6	1.59
Men	3,345	2,437	28.6	6.2	75.2	30.4	16.5	7.2	1.64
Women	2,540	2,090	22.7	6.2	72.9	35.4	11.1	3.9	1.52
Black, 16 years and over	1,553	1,328	33.9	6.0	70.8	24.1	12.8	6.2	1.54
Men	815	670	36.0	5.9	71.3	22.8	15.4	7.1	1.59
Women	738	656	31.8	6.2	70.6	25.4	10.3	5.2	1.50
1981									
Total, 16 years and over	8,273	6,730	26.8	6.1	74.0	32.1	14.5	5.3	1.59
16 to 19 years	1,763	1,650	17.9	3.1	80.3	25.8	12.9	3.9	1.44
20 to 24 years	1,976	1,653	31.6	5.9	75.2	33.2	14.3	3.9	1.64
25 to 34 years	2,211	1,703	30.1	7.4	71.9	36.3	14.7	5.6	1.66
35 to 44 years	1,065	802	29.4	8.5	70.9	33.8	15.7	6.9	1.65
45 to 54 years	715	520	28.7	8.3	68.8	34.2	14.4	7.7	1.62
55 to 64 years	444	320	24.7	6.6	65.9	30.6	18.1	10.3	1.56
65 years and over	98	81	14.8	4.9	61.7	25.9	16.0	9.9	1.33
Men, 16 years and over	4,577	3,561	29.0	6.0	75.0	29.7	16.5	6.7	1.63
16 to 19 years	962	890	18.3	2.9	81.3	24.0	14.7	3.7	1.45
20 to 24 years	1,144	919	33.9	5.9	75.3	32.2	17.1	4.7	1.69
25 to 34 years	1,213	871	34.4	7.8	73.0	34.2	16.9	7.3	1.74
35 to 44 years	552	383	32.6	8.1	72.6	30.5	17.5	9.4	1.71
45 to 54 years	390	265	30.2	7.9	71.7	27.9	17.4	11.3	1.66
55 to 64 years	261	186	25.8	7.0	63.4	26.9	18.3	14.5	1.56
65 years and over	55	47	10.6	4.3	63.8	21.3	14.9	12.8	1.28
Women, 16 years and over	3,696	3,170	24.4	6.1	72.9	34.7	12.1	3.8	1.54
16 to 19 years	800	761	17.5	3.4	79.0	27.7	10.8	4.1	1.42
20 to 24 years	833	734	28.7	5.9	75.1	34.3	10.9	3.0	1.58
25 to 34 years	998	832	25.6	6.9	70.8	38.6	12.6	3.8	1.58
35 to 44 years	513	420	26.4	8.8	69.3	36.4	14.0	4.5	1.60
45 to 54 years	325	255	26.7	8.2	65.9	40.8	11.4	3.9	1.57
55 to 64 years	184	134	23.1	6.0	68.7	35.1	17.2	4.5	1.54
65 years and over	43	34	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	6,343	5,035	24.6	6.3	75.0	33.9	14.4	5.3	1.59
Men	3,580	2,710	26.8	6.2	75.8	31.5	16.5	6.8	1.64
Women	2,762	2,325	22.0	6.3	74.1	36.7	12.0	3.5	1.55
Black, 16 years and over	1,731	1,520	33.9	5.5	71.6	26.1	14.3	5.7	1.57
Men	891	760	36.6	5.4	72.8	23.7	16.6	5.7	1.61
Women	840	760	31.2	5.7	70.4	28.6	12.1	4.7	1.53

See footnotes at end of table.

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Table 35. Unemployed jobseekers by sex, age, race, and jobsearch methods used, 1976-83—Continued

Year, sex, age, and race	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
1982									
Total, 16 years and over	10,678	8,429	24.2	5.8	77.8	34.7	16.3	4.7	1.63
16 to 19 years	1,977	1,847	15.5	3.1	82.5	27.1	14.3	3.2	1.46
20 to 24 years	2,392	1,954	26.7	5.8	79.1	35.5	15.5	3.6	1.66
25 to 34 years	3,037	2,263	27.7	7.0	76.0	38.8	17.5	4.7	1.72
35 to 44 years	1,552	1,137	27.8	6.9	75.8	37.1	17.1	5.9	1.71
45 to 54 years	966	689	26.0	7.3	75.3	35.7	17.1	6.7	1.68
55 to 64 years	647	458	21.0	6.3	71.8	34.9	17.7	10.0	1.62
65 years and over	107	80	16.2	3.7	70.0	26.2	17.5	5.0	1.39
Men, 16 years and over	6,179	4,635	26.9	5.8	78.8	32.6	18.3	5.8	1.68
16 to 19 years	1,090	1,000	17.0	3.1	83.2	26.1	16.2	2.9	1.48
20 to 24 years	1,407	1,106	29.7	5.8	80.0	33.1	17.6	3.9	1.70
25 to 34 years	1,791	1,234	31.0	6.8	77.1	37.4	19.9	5.8	1.78
35 to 44 years	879	596	31.9	7.4	76.5	33.9	20.0	8.2	1.78
45 to 54 years	550	374	28.9	7.8	77.5	33.2	17.9	10.2	1.75
55 to 64 years	393	272	21.0	5.9	72.8	30.9	18.8	14.0	1.63
65 years and over	69	53	17.0	3.8	77.4	20.8	17.0	3.8	1.40
Women, 16 years and over	4,499	3,793	20.9	5.8	76.5	37.3	13.8	3.4	1.58
16 to 19 years	886	847	13.7	3.2	81.7	28.3	12.2	3.5	1.43
20 to 24 years	985	848	22.6	6.0	77.9	38.6	12.7	3.3	1.61
25 to 34 years	1,246	1,029	23.6	7.2	74.7	40.5	14.6	3.3	1.64
35 to 44 years	673	541	23.3	6.5	74.9	40.9	14.0	3.1	1.63
45 to 54 years	416	315	22.5	6.3	72.7	39.0	16.5	2.9	1.60
55 to 64 years	254	186	21.0	7.0	70.4	40.9	16.7	4.8	1.61
65 years and over	38	27	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,241	6,339	22.4	5.9	78.1	37.0	16.5	4.7	1.65
Men	4,846	3,526	25.4	5.9	79.1	34.7	18.4	6.1	1.70
Women	3,395	2,813	18.8	5.8	76.8	39.8	14.0	3.0	1.58
Black, 16 years and over	2,142	1,839	29.9	5.8	77.5	27.1	15.2	4.4	1.60
Men	1,167	972	32.2	5.8	78.5	25.1	17.8	4.4	1.64
Women	975	867	27.5	5.8	76.4	29.3	12.2	4.3	1.55
1983									
Total, 16 years and over	10,717	8,800	24.4	5.2	79.3	33.8	16.7	4.9	1.64
16 to 19 years	1,829	1,722	14.6	2.5	84.4	25.1	14.1	4.2	1.45
20 to 24 years	2,330	1,983	25.3	5.0	80.2	34.8	15.9	3.8	1.65
25 to 34 years	3,078	2,443	28.6	5.9	78.2	37.4	16.6	4.5	1.71
35 to 44 years	1,650	1,276	27.9	6.4	78.1	36.7	19.3	5.6	1.74
45 to 54 years	1,039	772	26.8	6.2	76.0	35.0	18.7	6.7	1.69
55 to 64 years	677	511	24.3	7.0	73.6	34.2	19.0	8.8	1.67
65 years and over	114	93	12.9	3.2	69.9	28.0	24.7	7.5	1.46
Men, 16 years and over	6,260	4,949	27.0	5.2	80.2	32.0	19.2	5.9	1.70
16 to 19 years	1,003	941	15.3	2.6	84.7	23.5	17.1	3.7	1.47
20 to 24 years	1,369	1,125	28.3	5.0	82.0	31.6	18.2	3.9	1.69
25 to 34 years	1,822	1,368	31.5	5.7	79.5	36.3	19.1	5.6	1.78
35 to 44 years	947	699	32.5	6.3	79.1	35.5	21.7	7.9	1.83
45 to 54 years	613	440	29.5	6.6	76.1	33.4	20.9	9.1	1.76
55 to 64 years	433	316	25.6	7.3	73.4	31.6	19.9	11.4	1.69
65 years and over	73	61	9.8	3.3	72.1	27.9	26.2	6.6	1.46
Women, 16 years and over	4,457	3,850	21.1	5.1	78.1	36.1	13.6	3.7	1.58
16 to 19 years	825	781	13.8	2.4	83.9	27.0	10.4	4.9	1.42
20 to 24 years	961	858	21.3	4.9	77.9	38.9	12.8	3.5	1.59
25 to 34 years	1,255	1,076	24.8	6.0	76.6	38.8	13.5	3.2	1.63
35 to 44 years	703	577	22.2	6.4	76.9	38.0	16.3	2.8	1.63
45 to 54 years	427	332	23.5	5.4	75.9	37.3	16.0	3.6	1.62
55 to 64 years	244	195	22.1	6.7	73.8	38.5	16.9	4.6	1.63
65 years and over	41	32	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,128	6,494	23.3	5.4	79.5	35.5	17.0	5.1	1.66
Men	4,859	3,728	26.1	5.6	80.5	33.5	19.3	6.3	1.71
Women	3,270	2,765	19.6	5.1	78.2	38.2	13.8	3.6	1.58
Black, 16 years and over	2,272	2,027	27.7	4.6	79.0	28.2	15.5	4.0	1.59
Men	1,213	1,059	29.8	4.2	79.9	26.5	18.1	4.2	1.63
Women	1,059	969	25.4	5.1	78.1	30.0	12.7	3.9	1.55

[1] Data not shown where base is less than 35,000.

NOTE: The jobseekers total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within 30 days; groups for whom jobseeking is not collected. The percent using each method will always total more than 100 because many jobseekers use more than one method.

Table 36. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members, 1982-83

(Numbers in thousands)

Type of family, race, and Hispanic origin	1982					1983				
	Total families	Families with unemployment				Total families	Families with unemployment			
		Total	Percent with:				Total	Percent with:		
			No employed person	At least one employed person	At least one person employed full time			No employed person	At least one employed person	At least one person employed full time
TOTAL										
Total families	61,614	7,956	30.2	69.8	59.5	61,080	7,836	30.5	69.5	59.5
With children under 18 years of age	31,159	4,864	32.2	67.8	57.3	30,649	4,709	32.5	67.5	57.2
Married-couple families	49,648	5,939	23.3	76.7	66.5	49,330	5,793	23.2	76.8	66.9
With children under 18 years of age	24,523	3,732	23.7	76.3	65.5	23,998	3,545	22.8	77.2	66.3
Families maintained by women	9,554	1,623	52.8	47.2	36.5	9,624	1,664	53.4	46.6	36.4
With children under 18 years of age	5,801	994	61.7	38.3	28.8	5,878	1,032	62.4	37.6	28.5
Families maintained by men	2,412	394	41.9	58.1	49.0	2,125	379	41.5	58.5	49.5
With children under 18 years of age	835	138	51.8	48.2	41.7	774	131	58.8	41.2	34.4
White										
Total families	53,573	6,246	27.9	72.1	61.7	53,152	6,102	28.3	71.7	61.7
With children under 18 years of age	26,244	3,763	29.3	70.7	59.8	25,829	3,595	29.4	70.6	59.8
Married-couple families	44,982	4,993	23.1	76.9	66.6	44,796	4,877	23.6	76.4	66.4
With children under 18 years of age	21,763	3,104	23.5	76.5	65.4	21,392	2,943	23.3	76.7	65.7
Families maintained by women	6,628	958	49.1	50.9	39.7	6,647	952	48.7	51.3	40.5
With children under 18 years of age	3,797	552	57.8	42.2	31.0	3,811	553	57.5	42.5	32.2
Families maintained by men	1,962	295	40.3	59.7	50.2	1,709	274	40.1	59.9	50.4
With children under 18 years of age	684	107	49.1	50.9	45.3	625	99	55.6	44.4	37.4
Black										
Total families	6,686	1,501	39.6	60.4	50.6	6,490	1,517	39.2	60.8	51.3
With children under 18 years of age	4,062	963	43.6	56.4	47.8	3,909	969	43.2	56.8	48.1
Married-couple families	3,580	778	23.5	76.5	66.5	3,388	756	20.1	79.9	70.1
With children under 18 years of age	2,050	512	23.5	76.5	67.1	1,856	490	18.8	81.2	71.0
Families maintained by women	2,731	633	58.5	41.5	31.9	2,765	674	59.8	40.2	31.0
With children under 18 years of age	1,883	422	66.9	33.1	25.5	1,927	453	68.4	31.6	24.5
Families maintained by men	375	90	47.3	52.7	45.1	338	88	44.3	55.7	46.6
With children under 18 years of age	130	29	(1)	(1)	(1)	125	26	(1)	(1)	(1)
Hispanic origin										
Total families	3,384	618	33.4	66.6	56.1	3,420	623	33.4	66.6	56.6
With children under 18 years of age	2,301	435	36.6	63.4	54.0	2,314	433	36.9	63.1	53.0
Married-couple families	2,488	463	27.9	72.1	62.2	2,471	465	27.3	72.7	62.8
With children under 18 years of age	1,718	344	30.2	69.8	60.8	1,685	340	29.7	70.3	60.4
Families maintained by women	723	123	53.7	46.3	32.5	787	125	55.2	44.8	33.6
With children under 18 years of age	525	81	63.8	36.2	26.3	573	83	63.9	36.1	26.5
Families maintained by men	174	32	(1)	(1)	(1)	162	33	(1)	(1)	(1)
With children under 18 years of age	57	11	(1)	(1)	(1)	57	11	(1)	(1)	(1)

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[1] Data not shown where base is less than 35,000.

NOTE: Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Because of the introduction of new estimation techniques beginning in January 1983, data for 1983 are not comparable with those for 1982 and earlier years.

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Table 37. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members, 1982-83

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1982				1983			
	Total	Percent of unemployed with:			Total	Percent of unemployed with:		
		No employed person in family	At least one employed person in family	At least one person in family employed full time		No employed person in family	At least one employed person in family	At least one person in family employed full time
TOTAL								
Total unemployed in families[1]	9,158	32.7	67.3	57.2	9,077	32.7	67.3	57.3
Husbands	2,492	45.0	55.0	39.6	2,443	43.2	56.8	42.2
With children under 18 years of age	1,635	49.0	51.0	34.2	1,571	45.9	54.1	37.9
Wives	1,830	21.7	78.3	70.9	1,730	21.6	78.4	71.0
With children under 18 years of age	1,186	20.0	80.0	72.7	1,098	19.9	80.1	72.2
Relatives in married-couple families	2,486	11.0	89.0	82.7	2,508	11.9	88.1	81.3
Women who maintain families	675	83.3	16.7	9.5	707	82.0	18.0	10.3
With children under 18 years of age	559	89.5	10.5	4.8	595	88.3	11.7	5.2
Relatives in families maintained by women	1,218	35.8	64.2	51.4	1,250	37.6	62.4	50.5
Men who maintain families	179	70.1	29.9	19.5	168	69.0	31.0	21.0
With children under 18 years of age	75	84.9	15.1	6.8	81	87.0	13.0	6.6
Relatives in families maintained by men	277	28.1	71.9	62.6	271	29.1	70.9	62.0
White								
Total unemployed in families[1]	7,046	30.5	69.5	59.2	6,898	30.6	69.4	59.2
Husbands	2,098	45.2	54.8	38.8	2,085	44.2	55.8	40.7
With children under 18 years of age	1,353	49.4	50.6	32.8	1,312	47.3	52.7	35.6
Wives	1,531	20.2	79.8	72.5	1,469	21.3	78.7	71.5
With children under 18 years of age	973	18.2	81.8	74.6	917	19.3	80.7	73.2
Relatives in married-couple families	2,013	10.5	89.5	83.4	1,983	11.6	88.4	81.7
Women who maintain families	385	78.6	21.4	11.9	374	77.1	22.9	13.5
With children under 18 years of age	306	86.6	13.4	5.6	305	84.6	15.4	6.9
Relatives in families maintained by women	693	33.7	66.3	53.7	682	33.6	66.4	54.6
Men who maintain families	132	71.3	28.7	18.7	122	69.3	30.7	19.9
With children under 18 years of age	56	85.5	14.5	[illegible]	59	87.7	12.3	6.1
Relatives in families maintained by men	197	24.1	75.9	66.7	183	25.5	74.5	65.3
Black								
Total unemployed in families[1]	1,858	40.9	59.1	49.7	1,916	40.2	59.8	50.5
Husbands	319	43.4	56.6	44.8	284	36.8	63.2	51.0
With children under 18 years of age	225	45.5	54.5	42.7	201	37.0	63.0	51.2
Wives	240	29.5	70.5	62.2	212	23.4	76.6	66.9
With children under 18 years of age	173	28.4	71.6	63.5	148	21.9	78.1	67.4
Relatives in married-couple families	403	12.2	87.8	80.1	455	12.8	87.2	79.8
Women who maintain families	279	90.1	9.9	6.3	311	88.3	11.7	6.3
With children under 18 years of age	245	93.1	6.9	3.9	273	92.7	7.3	3.3
Relatives in families maintained by women	503	38.3	61.7	48.4	540	42.4	57.6	46.0
Men who maintain families	41	69.0	31.0	20.2	38	68.8	31.2	22.0
With children under 18 years of age	16	(2)	(2)	(2)	17	(2)	(2)	(2)
Relatives in families maintained by men	72	39.5	60.5	54.1	76	37.4	62.6	53.6
Hispanic origin								
Total unemployed in families[1]	730	36.3	63.7	52.9	740	34.7	65.3	55.8
Husbands	205	53.5	46.5	35.8	222	52.1	47.9	37.1
With children under 18 years of age	163	57.3	42.7	32.7	169	56.1	43.9	33.4
Wives	144	20.5	79.5	69.1	152	22.1	77.9	68.5
With children under 18 years of age	107	20.6	79.4	69.3	114	20.8	79.2	68.5
Relatives in married-couple families	198	15.1	84.9	75.9	188	7.8	92.2	84.2
Women who maintain families	50	79.3	20.7	14.0	48	80.9	19.1	12.1
With children under 18 years of age	41	86.8	13.2	7.8	41	85.6	14.4	7.5
Relatives in families maintained by women	95	44.2	55.8	39.5	94	41.8	58.2	46.8
Men who maintain families	16	(2)	(2)	(2)	15	(2)	(2)	(2)
With children under 18 years of age	6	(2)	(2)	(2)	7	(2)	(2)	(2)
Relatives in families maintained by men	23	(2)	(2)	(2)	21	(2)	(2)	(2)

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[1] Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

[2] Data not shown where base is less than 35,000.

NOTE: Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Because of the introduction of new estimation techniques beginning in January 1983, data for 1983 are not comparable with those for 1982 and earlier years. Moreover, estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

Table 38. Employed civilians by family relationship, race, Hispanic origin, and presence of additional employed family members, 1982-83

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1982				1983			
	Total	Percent of employed with:			Total	Percent of employed with:		
		No other employed person in family	Another employed person in family	Another person in family employed full time		No other employed person in family	Another employed person in family	Another person in family employed full time
TOTAL								
Total employed in families[1]	83,918	26.9	73.1	61.0	83,703	26.1	73.9	62.0
Husbands	37,219	36.8	63.2	44.8	36,556	35.7	64.3	45.9
With children under 18 years of age	21,810	39.6	60.4	39.2	21,345	38.2	61.8	40.4
Wives	23,726	11.0	89.0	83.1	23,892	11.2	88.8	83.1
With children under 18 years of age	12,712	7.5	92.5	87.3	12,848	7.7	92.3	87.6
Relatives in married-couple families	11,371	6.8	93.2	88.3	11,771	6.8	93.2	88.4
Women who maintain families	5,098	66.4	33.6	21.5	5,021	64.5	35.5	22.8
With children under 18 years of age	3,372	78.9	21.1	10.1	3,326	78.8	21.2	9.9
Relatives in families maintained by women	3,637	26.7	73.3	61.6	3,898	27.0	73.0	61.6
Men who maintain families	1,651	57.3	42.7	31.7	1,425	54.0	46.0	33.6
With children under 18 years of age	676	73.6	26.4	14.8	609	76.9	23.1	12.1
Relatives in families maintained by men	1,217	17.9	82.1	73.0	1,141	19.9	80.1	71.7
White								
Total employed in families[1]	74,232	26.4	73.6	61.1	74,147	25.5	74.5	62.3
Husbands	33,868	37.2	62.8	43.8	33,353	36.1	63.9	45.0
With children under 18 years of age	19,573	40.2	59.8	37.5	19,238	38.8	61.2	38.9
Wives	21,207	10.6	89.4	83.6	21,430	10.7	89.3	83.7
With children under 18 years of age	11,116	6.9	93.1	88.1	11,289	7.0	93.0	88.3
Relatives in married-couple families	10,273	6.7	93.3	88.6	10,623	6.6	93.4	88.7
Women who maintain families	3,719	63.8	36.2	22.9	3,681	61.6	38.4	24.4
With children under 18 years of age	2,416	76.9	23.1	10.5	2,392	76.8	23.2	10.2
Relatives in families maintained by women	2,797	26.8	73.2	61.8	2,952	26.9	73.1	62.0
Men who maintain families	1,383	57.1	42.9	31.1	1,171	52.9	47.1	34.0
With children under 18 years of age	571	72.6	27.4	15.1	503	75.7	24.3	12.3
Relatives in families maintained by men	984	17.4	82.6	73.7	935	19.1	80.9	73.0
Black								
Total employed in families[1]	7,623	33.0	67.0	57.3	7,428	32.5	67.5	57.7
Husbands	2,521	32.1	67.9	55.6	2,333	30.6	69.4	56.5
With children under 18 years of age	1,644	32.4	67.6	55.3	1,491	30.7	69.3	56.0
Wives	1,912	16.6	83.4	76.4	1,825	17.2	82.8	76.0
With children under 18 years of age	1,197	13.3	86.7	80.1	1,136	14.0	86.0	79.9
Relatives in married-couple families	763	8.1	91.9	84.6	832	9.2	90.8	83.9
Women who maintain families	1,269	74.9	25.1	16.7	1,232	73.4	26.6	17.7
With children under 18 years of age	886	84.6	15.4	8.6	863	84.0	16.0	9.2
Relatives in families maintained by women	753	27.2	72.8	60.1	848	28.0	72.0	59.8
Men who maintain families	220	60.1	39.9	33.3	207	61.4	38.6	29.1
With children under 18 years of age	89	79.8	20.2	13.4	93	83.4	16.6	10.5
Relatives in families maintained by men	184	22.1	77.9	67.7	153	25.9	74.1	63.8
Hispanic origin								
Total employed in families[1]	4,482	30.1	69.9	59.1	4,543	29.6	70.4	59.8
Husbands	1,963	43.1	56.9	42.9	1,934	43.2	56.8	43.7
With children under 18 years of age	1,449	46.3	53.7	39.3	1,419	46.8	53.2	39.9
Wives	1,080	10.4	89.6	82.8	1,082	10.4	89.6	82.3
With children under 18 years of age	734	9.1	90.9	84.9	731	8.9	91.1	84.7
Relatives in married-couple families	646	7.6	92.4	84.4	717	7.5	92.5	85.2
Women who maintain families	298	67.5	32.5	21.7	323	65.7	34.3	24.2
With children under 18 years of age	209	79.1	20.9	11.2	225	75.5	24.5	13.2
Relatives in families maintained by women	246	27.2	72.8	60.2	255	28.9	71.1	56.4
Men who maintain families	128	47.4	52.6	43.0	117	41.7	58.3	48.6
With children under 18 years of age	43	69.8	30.2	19.5	40	70.2	29.8	24.4
Relatives in families maintained by men	123	10.5	89.5	82.4	115	8.3	91.7	79.4

[1] Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

NOTE: Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Because of the introduction of new estimation techniques beginning in January 1983, data for 1983 are not comparable with those for 1982 and earlier years. Moreover, estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

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Table 39. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin, 1979-83

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)					Median weekly earnings						
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	Percent change 1982 to 1983	
											Current dollars	Constant dollars
TOTAL												
Total families with earners [1]	41,342	41,162	41,360	40,844	40,701	$372	$402	$429	$451	$470	4.3	1.2
Married-couple families	34,306	33,825	33,807	33,225	33,032	403	432	469	495	508	2.6	-.4
One earner	15,005	14,797	14,566	14,592	14,321	294	305	324	339	354	4.3	1.2
Husband	12,606	12,127	11,782	11,426	11,088	309	340	364	391	403	3.2	.1
Wife	1,819	2,059	2,156	2,465	2,522	150	157	175	190	202	6.0	2.9
Other family member	580	611	628	700	712	161	163	176	188	200	6.0	2.9
Two or more earners	19,301	19,028	19,241	18,633	18,710	493	535	582	615	647	5.1	2.0
Husband and wife	16,168	16,094	16,319	15,841	15,955	494	540	587	624	655	4.9	1.8
Husband and other family member(s)	2,617	2,369	2,338	2,167	2,084	516	557	600	619	651	5.2	2.1
Wife and other family member(s)	375	426	439	475	529	322	350	369	387	387	.2	-2.8
Other family members only	141	139	145	151	143	317	362	366	401	370	-7.7	-10.4
Families maintained by women	5,485	5,690	5,875	5,933	5,956	205	222	239	252	267	6.2	3.1
One earner	3,824	4,022	4,225	4,253	4,190	166	183	198	205	216	5.2	2.1
Householder	2,952	3,104	3,292	3,363	3,247	169	187	202	210	226	7.8	4.6
Other family member	872	918	933	891	943	156	167	171	181	188	3.9	.8
Two or more earners	1,661	1,668	1,649	1,680	1,766	335	370	397	418	439	5.0	1.9
Families maintained by men	1,552	1,647	1,678	1,686	1,713	335	358	377	401	407	1.5	-1.5
One earner	943	1,016	1,068	1,077	1,066	264	284	304	323	324	.5	-2.5
Two or more earners	608	631	610	609	647	469	500	528	558	584	4.6	1.5
White												
Total families with earners [1]	36,007	35,786	35,891	35,413	35,138	384	408	446	464	487	4.9	1.8
Married-couple families	30,732	30,316	30,285	29,723	29,404	405	440	477	501	516	3.0	-.1
One earner	13,609	13,437	13,152	13,164	12,867	301	308	337	352	362	2.7	-.4
Husband	11,546	11,152	10,778	10,429	10,106	321	350	373	401	406	1.2	-1.8
Wife	1,548	1,740	1,820	2,101	2,127	150	159	175	192	202	5.2	2.1
Two or more earners	17,123	16,878	17,133	16,559	16,538	498	542	590	623	653	4.9	1.8
Husband and wife	14,292	14,238	14,501	14,034	14,055	499	546	594	631	661	4.8	1.7
Families maintained by women	4,003	4,140	4,246	4,325	4,354	215	232	248	262	282	7.7	4.5
Families maintained by men	1,272	1,331	1,361	1,366	1,380	349	373	395	407	429	5.4	2.3
Black												
Total families with earners [1]	4,463	4,503	4,567	4,479	4,564	276	301	316	326	348	6.9	3.7
Married-couple families	2,852	2,802	2,787	2,729	2,819	342	366	388	405	424	4.7	1.6
One earner	1,120	1,103	1,115	1,101	1,120	205	206	238	241	252	4.6	1.5
Husband	836	769	770	742	731	228	245	259	268	301	12.3	9.0
Wife	233	279	289	309	325	152	149	173	187	188	.6	-2.3
Two or more earners	1,733	1,700	1,671	1,628	1,699	440	472	505	535	566	5.8	2.7
Husband and wife	1,504	1,477	1,446	1,425	1,492	451	479	513	547	588	7.5	4.3
Families maintained by women	1,371	1,438	1,513	1,485	1,474	171	192	210	213	225	5.7	2.6
Families maintained by men	240	263	267	266	271	273	309	304	326	329	.8	-2.2
Hispanic origin												
Total families with earners [1]	2,259	2,391	2,528	2,429	2,484	300	322	350	357	366	2.4	-.7
Married-couple families	1,873	1,898	1,995	1,925	1,945	315	346	382	390	401	2.7	-.4
One earner	913	924	946	929	948	215	230	247	256	257	.4	-2.6
Husband	790	797	802	782	790	231	248	265	282	284	.7	-2.2
Wife	88	94	99	103	105	135	146	160	171	184	7.6	4.4
Two or more earners	959	974	1,049	996	996	420	458	491	513	547	6.6	3.4
Husband and wife	778	771	826	799	786	426	464	501	525	555	5.6	2.5
Families maintained by women	272	335	379	373	397	176	208	205	222	248	11.7	8.4
Families maintained by men	114	158	154	131	142	263	325	290	333	374	12.2	8.9

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[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

NOTE: 1979-83 median weekly earnings data have been revised to reflect new median intervals ($10) rather than the wider ($50) intervals on which the previously published data were based. Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. The Consumer Price Index for All Urban Consumers (CPI-U) is used to calculate percent changes in constant-dollar earnings.

Table 40. Families with unemployed members and wage and salary workers by type of family and median weekly earnings, 1979-83

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)					Median weekly earnings						
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	Percent change 1982 to 1983: Current dollars	Percent change 1982 to 1983: Constant dollars
Married-couple families [1]	2,592	3,101	3,340	4,107	4,090	$309	$314	$335	$345	$355	2.8	-0.2
Husband unemployed	544	840	897	1,300	1,325	164	169	186	199	208	4.1	1.0
Wife only earner	411	652	702	1,013	1,026	153	158	177	183	203	10.6	7.3
Wife and other earner(s)	74	101	106	153	167	313	335	349	374	367	-1.8	-4.7
Other earner(s) only	59	87	90	134	132	164	136	146	155	158	1.9	-1.1
Wife unemployed	961	1,046	1,105	1,301	1,282	298	308	322	348	364	4.6	1.5
Husband only earner	830	888	949	1,114	1,100	273	300	303	322	346	7.6	4.5
Husband and other earner(s)	120	139	137	167	158	485	475	537	583	577	-.9	-3.9
Other earner(s) only	11	20	19	20	24	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Other member(s) unemployed	1,087	1,215	1,337	1,506	1,483	$451	$479	$508	$529	$557	5.2	2.1
Husband or wife earner	521	576	624	660	667	350	385	403	414	446	7.8	4.6
Both husband and wife earners	537	597	666	799	759	546	575	626	643	685	6.5	3.4
Other combinations of earners	29	42	47	48	57	(2)	(2)	(2)	(2)	209	(2)	(2)
Families maintained by women [1]	498	577	683	750	737	$188	$208	$214	$221	239	7.8	4.6
Householder unemployed	73	79	90	102	110	128	150	146	152	159	4.7	1.6
Other member(s) unemployed	426	498	594	647	627	201	221	225	239	251	5.1	2.0
Families maintained by men [1]	143	185	203	232	241	303	290	285	298	323	8.2	5.0

[1] Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

[2] Data not shown where base is less than 50,000.

NOTE: 1979-83 median weekly earnings data have been revised to reflect new median intervals ($10) rather than the wider ($50) intervals on which the previously published data were based. The Consumer Price Index for All Urban Consumers (CPI-U) is used to calculate percent changes in constant-dollar earnings.

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Table 41. Median weekly earnings of full-time wage and salary workers by selected characteristics, 1979-83

Characteristic	Numbers of workers (in thousands)					Median weekly earnings						
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	Percent change 1982 to 1983	
											Current dollars	Constant dollars
SEX AND AGE												
Total, 16 years and over	72,366	71,968	72,491	70,546	70,976	$242	$258	$283	$303	$309	1.8	-1.2
Men, 16 years and over	44,674	43,781	43,888	42,279	42,309	297	309	345	363	379	4.5	1.4
16 to 24 years	8,557	7,916	7,672	6,870	6,702	200	206	218	226	223	-1.0	-3.9
25 years and over	36,117	35,866	36,216	35,409	35,607	310	343	369	401	405	1.2	-1.8
Women, 16 years and over	27,692	28,187	28,603	28,267	28,667	180	201	217	240	252	4.9	1.8
16 to 24 years	6,442	6,242	6,030	5,507	5,345	152	166	180	190	201	5.3	2.2
25 years and over	21,250	21,945	22,573	22,760	23,322	196	208	232	253	263	4.1	1.0
FAMILY RELATIONSHIP												
Husbands	31,081	30,229	30,087	28,962	28,720	314	348	373	402	407	1.3	-1.7
Wives	14,407	14,614	14,762	14,553	14,884	185	203	222	245	255	4.0	.9
Others in married-couple families	6,858	6,563	6,634	6,137	6,207	163	178	193	203	205	1.3	-1.7
Women who maintain families	3,704	3,796	3,916	4,006	3,948	187	204	223	243	255	5.2	2.1
Others in such families	2,447	2,428	2,383	2,313	2,464	169	188	200	207	211	2.2	-.8
Men who maintain families	1,271	1,348	1,346	1,341	1,331	299	305	337	358	377	5.1	2.0
Others in such families	820	865	860	825	879	178	197	204	218	227	4.1	1.0
All other men [1]	6,334	6,469	6,717	6,598	6,740	265	296	310	343	352	2.8	-.2
All other women [1]	5,443	5,657	5,787	5,811	5,803	200	215	245	260	273	4.9	1.8
RACE AND HISPANIC ORIGIN												
White	63,154	62,813	63,241	61,463	61,739	249	265	292	307	321	4.6	1.5
Men	39,576	38,806	38,874	37,435	37,378	302	321	353	374	397	6.3	3.1
Women	23,578	24,007	24,367	24,029	24,361	182	203	220	243	253	4.2	1.1
Black	7,582	7,459	7,499	7,281	7,373	201	208	236	247	257	4.2	1.1
Men	4,184	4,021	4,023	3,836	3,883	227	246	264	279	299	7.4	4.2
Women	3,399	3,438	3,477	3,445	3,490	167	184	204	214	231	8.1	4.9
Hispanic origin	3,880	4,124	4,284	4,056	4,127	196	207	223	242	250	3.3	.2
Men	2,511	2,643	2,759	2,573	2,613	219	236	251	263	274	4.1	1.0
Women	1,369	1,481	1,525	1,483	1,514	154	170	188	203	209	2.8	-.3

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

NOTE: 1979-83 median weekly earnings data have been revised to reflect new median intervals ($10) rather than the wider ($50) intervals on which the previously published data were based. The Consumer Price Index for All Urban Consumers (CPI-U) is used to calculate percent changes in constant-dollar earnings.

Table 42. Median weekly earnings of part-time wage and salary workers by selected characteristics, 1979-83

Characteristic	Numbers of workers (in thousands)					Median weekly earnings						
											Percent change 1982 to 1983	
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983	Current dollars	Constant dollars
SEX AND AGE												
Total, 16 years and over	15,163	15,675	16,025	16,822	17,314	$68	$73	$81	$84	$87	3.3	0.2
Men, 16 years and over	4,726	4,919	4,956	5,312	5,547	66	70	78	81	83	2.8	-.3
16 to 24 years	2,996	3,112	3,079	3,153	3,272	59	64	67	68	69	1.0	-2.0
25 years and over	1,730	1,806	1,877	2,160	2,275	83	90	102	106	110	3.8	.7
Women, 16 years and over	10,437	10,757	11,069	11,510	11,767	69	75	83	86	89	3.4	.3
16 to 24 years	3,701	3,749	3,782	3,919	3,986	57	63	66	67	68	1.5	-1.5
25 years and over	6,737	7,008	7,287	7,591	7,781	77	85	94	100	103	3.0	([2])
FAMILY RELATIONSHIP												
Husbands	1,226	1,284	1,301	1,474	1,468	83	91	102	107	112	5.0	1.9
Wives	5,516	5,638	5,847	6,031	6,165	79	87	95	101	104	3.0	([2])
Others in married-couple families	4,525	4,575	4,591	4,674	4,859	54	61	64	64	65	2.1	-1.0
Women who maintain families	718	769	828	851	861	74	80	92	95	98	3.5	.5
Others in such families	935	1,025	1,047	1,144	1,225	57	63	67	68	70	1.9	-1.2
Men who maintain families	81	85	80	93	111	78	84	87	105	109	3.8	.7
Others in such families	240	266	283	296	332	62	73	72	75	80	6.3	3.2
All other men [1]	649	701	699	805	846	83	94	102	101	106	4.9	1.8
All other women [1]	1,272	1,333	1,350	1,454	1,447	69	76	85	91	92	.5	-2.5
RACE AND HISPANIC ORIGIN												
White	13,417	13,889	14,252	14,949	15,307	68	74	81	85	88	3.6	.6
Men	4,095	4,287	4,344	4,627	4,790	66	70	77	81	83	2.7	-.3
Women	9,322	9,602	9,908	10,322	10,517	69	75	83	87	90	4.4	1.3
Black	1,391	1,455	1,468	1,500	1,606	63	71	81	80	83	2.8	-.2
Men	466	500	499	521	594	64	74	83	83	85	2.8	-.2
Women	925	955	969	979	1,013	62	69	80	79	81	3.1	([2])
Hispanic origin	587	661	718	735	824	68	80	84	86	94	9.1	5.9
Men	225	263	267	277	315	66	82	82	85	100	17.7	14.2
Women	363	398	451	458	509	70	79	86	87	91	4.7	1.6

[1] The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

[2] Less than 0.05 percent.

NOTE: 1979-83 median weekly earnings data have been revised to reflect new median intervals ($10) rather than the wider ($50) intervals on which the previously published data were based. Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. The Consumer Price Index for All Urban Consumers (CPI-U) is used to calculate percent changes in constant-dollar earnings.

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Table 43. Employment status of the civilian noninstitutional population by State, 1982-83

(Numbers in thousands)

State	Civilian labor force		Employed		Unemployed		Unemployment rate	
	1982	1983	1982	1983	1982	1983	1982	1983
Alabama	1,713	1,761	1,466	1,521	247	241	14.4	13.7
Alaska	211	229	190	206	21	24	9.9	10.3
Arizona	1,338	1,376	1,205	1,251	133	125	9.9	9.1
Arkansas	1,025	1,026	925	922	100	104	9.8	10.1
California	12,184	12,333	10,973	11,141	1,211	1,192	9.9	9.7
Colorado	1,590	1,667	1,467	1,557	123	110	7.7	6.6
Connecticut	1,594	1,608	1,484	1,511	110	97	6.9	6.0
Delaware	298	298	273	274	25	24	8.5	8.1
District of Columbia	312	325	279	287	33	38	10.6	11.7
Florida	4,746	4,903	4,358	4,482	388	421	8.2	8.6
Georgia	2,664	2,696	2,456	2,495	208	202	7.8	7.5
Hawaii	460	473	430	442	31	30	6.7	6.5
Idaho	444	456	401	412	44	45	9.8	9.8
Illinois	5,597	5,593	4,963	4,953	634	640	11.3	11.4
Indiana	2,599	2,584	2,289	2,298	310	286	11.9	11.1
Iowa	1,418	1,422	1,297	1,307	121	116	8.5	8.1
Kansas	1,186	1,185	1,111	1,113	74	72	6.3	6.1
Kentucky	1,686	1,702	1,507	1,503	179	198	10.6	11.7
Louisiana	1,863	1,910	1,671	1,685	193	225	10.3	11.8
Maine	516	537	472	488	44	48	8.6	9.0
Maryland	2,164	2,211	1,981	2,058	183	153	8.4	6.9
Massachusetts	3,000	2,987	2,763	2,781	237	205	7.9	6.9
Michigan	4,278	4,303	3,617	3,693	661	610	15.5	14.2
Minnesota	2,166	2,174	1,996	1,997	169	178	7.8	8.2
Mississippi	1,065	1,068	948	933	117	135	11.0	12.6
Missouri	2,308	2,350	2,095	2,118	213	233	9.2	9.9
Montana	393	394	359	359	34	35	8.6	8.8
Nebraska	789	788	741	743	48	45	6.1	5.7
Nevada	482	487	434	439	49	48	10.1	9.8
New Hampshire	486	503	450	476	36	27	7.4	5.4
New Jersey	3,619	3,656	3,294	3,369	325	287	9.0	7.8
New Mexico	595	607	541	546	55	62	9.2	10.1
New York	7,991	8,062	7,307	7,373	684	689	8.6	8.6
North Carolina	2,945	2,946	2,679	2,684	266	262	9.0	8.9
North Dakota	316	317	297	299	18	18	5.9	5.6
Ohio	5,114	5,110	4,474	4,488	640	622	12.5	12.2
Oklahoma	1,486	1,544	1,401	1,405	85	140	5.7	9.0
Oregon	1,324	1,337	1,171	1,192	153	145	11.5	10.8
Pennsylvania	5,487	5,510	4,888	4,859	599	651	10.9	11.8
Rhode Island	480	477	431	438	49	40	10.2	8.3
South Carolina	1,497	1,476	1,335	1,328	162	148	10.8	10.0
South Dakota	330	331	312	314	18	18	5.5	5.4
Tennessee	2,134	2,189	1,881	1,937	253	251	11.8	11.5
Texas	7,373	7,629	6,866	7,020	507	609	6.9	8.0
Utah	676	691	623	627	53	64	7.8	9.2
Vermont	267	268	249	249	18	18	6.9	6.9
Virginia	2,650	2,722	2,446	2,557	204	165	7.7	6.1
Washington	2,024	2,063	1,779	1,832	245	230	12.1	11.2
West Virginia	775	772	667	633	108	139	13.9	18.0
Wisconsin	2,440	2,435	2,180	2,181	260	254	10.7	10.4
Wyoming	256	262	241	240	15	22	5.8	8.4

NOTE: These estimates are based on the Current Population Survey (CPS) and are subject to revised population controls.

Table 44. Unemployment rates for regions and States by sex, age, and race, 1982-83

Region and State	All civilian workers			Men			Women		
	1982	1983	Error range 1983[1]	1982	1983	Error range 1983[1]	1982	1983	Error range 1983[1]
United States	9.7	9.6	9.5 - 9.7	9.9	9.9	9.8 - 10.1	9.4	9.2	9.0 - 9.3
Northeast	9.0	8.7	8.5 - 9.0	9.3	9.2	8.8 - 9.6	8.6	8.1	7.7 - 8.5
New England	7.8	6.8	6.4 - 7.3	8.0	6.9	6.3 - 7.5	7.6	6.7	6.1 - 7.4
Connecticut	6.9	6.0	5.3 - 6.7	7.1	6.4	5.5 - 7.3	6.7	5.5	4.6 - 6.5
Maine	8.6	9.0	8.1 - 9.9	8.6	9.2	8.0 - 10.4	8.5	8.8	7.4 - 10.2
Massachusetts	7.9	6.9	6.4 - 7.4	8.3	7.1	6.4 - 7.7	7.4	6.7	5.9 - 7.4
New Hampshire	7.4	5.4	4.8 - 6.1	7.2	4.9	4.0 - 5.7	7.6	6.2	5.1 - 7.2
Rhode Island	10.2	8.3	7.5 - 9.2	9.8	7.4	6.3 - 8.5	10.7	9.4	8.1 - 10.7
Vermont	6.9	6.9	6.1 - 7.6	6.9	6.9	5.9 - 7.9	6.8	6.8	5.7 - 7.9
Middle Atlantic	9.4	9.4	9.1 - 9.8	9.7	10.1	9.6 - 10.5	8.9	8.6	8.1 - 9.1
New Jersey	9.0	7.8	7.3 - 8.4	8.6	7.4	6.7 - 8.2	9.4	8.4	7.5 - 9.2
New York	8.6	8.6	8.2 - 8.9	8.5	8.9	8.4 - 9.5	8.7	8.1	7.5 - 8.6
Pennsylvania	10.9	11.8	11.3 - 12.4	12.3	13.4	12.6 - 14.1	9.1	9.6	8.9 - 10.4
South	8.9	9.3	9.1 - 9.5	8.7	9.2	8.8 - 9.5	9.2	9.5	9.1 - 9.8
South Atlantic	8.7	8.5	8.1 - 8.8	8.5	8.2	7.7 - 8.6	9.0	8.8	8.3 - 9.3
Delaware	8.5	8.1	7.2 - 8.9	9.2	8.5	7.4 - 9.6	7.6	7.5	6.4 - 8.7
District of Columbia	10.6	11.7	10.7 - 12.7	12.0	14.3	12.8 - 15.8	9.2	9.1	7.9 - 10.3
Florida	8.2	8.6	8.0 - 9.2	8.1	8.3	7.5 - 9.0	8.3	9.0	8.1 - 9.9
Georgia	7.8	7.5	6.7 - 8.2	7.3	6.9	5.9 - 7.8	8.4	8.2	7.1 - 9.4
Maryland	8.4	6.9	6.3 - 7.5	8.6	6.8	6.0 - 7.7	8.3	7.0	6.1 - 8.0
North Carolina	9.0	8.9	8.0 - 9.8	8.0	7.9	6.8 - 9.0	10.2	10.1	8.7 - 11.4
South Carolina	10.8	10.0	9.1 - 11.0	10.8	8.6	7.4 - 9.8	10.9	11.7	10.2 - 13.1
Virginia	7.7	6.1	5.2 - 7.0	7.1	5.7	4.5 - 6.8	8.4	6.6	5.2 - 7.9
West Virginia	13.9	18.0	16.8 - 19.2	15.5	21.1	19.6 - 22.7	11.5	13.0	11.4 - 14.7
East South Central	12.1	12.3	11.7 - 12.9	11.8	12.2	11.5 - 13.0	12.4	12.3	11.4 - 13.2
Alabama	14.4	13.7	12.6 - 14.7	14.0	13.7	12.3 - 15.1	14.9	13.6	12.0 - 15.2
Kentucky	10.6	11.7	10.5 - 12.8	11.0	12.1	10.5 - 13.6	10.1	11.1	9.4 - 12.8
Mississippi	11.0	12.6	11.6 - 13.7	10.7	12.0	10.6 - 13.4	11.4	13.5	11.8 - 15.1
Tennessee	11.8	11.5	10.5 - 12.5	11.1	11.3	10.0 - 12.6	12.7	11.7	10.2 - 13.2
West South Central	7.5	8.9	8.5 - 9.3	7.3	8.9	8.4 - 9.4	7.8	8.9	8.3 - 9.5
Arkansas	9.8	10.1	9.1 - 11.1	8.5	9.4	8.1 - 10.7	11.3	11.0	9.4 - 12.6
Louisiana	10.3	11.8	10.9 - 12.7	9.8	12.1	10.9 - 13.3	11.1	11.3	9.9 - 12.7
Oklahoma	5.7	9.0	8.2 - 9.9	6.3	9.5	8.4 - 10.7	4.8	8.4	7.2 - 9.6
Texas	6.9	8.0	7.5 - 8.5	6.7	7.9	7.3 - 8.6	7.1	8.1	7.3 - 8.8
North Central	11.1	10.8	10.5 - 11.1	11.7	11.5	11.1 - 11.8	10.3	10.0	9.6 - 10.4
East North Central	12.5	12.0	11.7 - 12.4	13.1	12.8	12.3 - 13.3	11.7	11.1	10.5 - 11.6
Illinois	11.3	11.4	10.9 - 12.0	11.8	11.6	10.9 - 12.4	10.6	11.2	10.4 - 12.1
Indiana	11.9	11.1	10.3 - 11.9	12.5	11.5	10.4 - 12.6	11.3	10.5	9.4 - 11.7
Michigan	15.5	14.2	13.5 - 14.9	15.7	15.0	14.1 - 16.0	15.1	13.1	12.1 - 14.1
Ohio	12.5	12.2	11.6 - 12.8	13.4	13.2	12.4 - 14.0	11.3	10.8	9.9 - 11.6
Wisconsin	10.7	10.4	9.4 - 11.5	11.7	12.1	10.7 - 13.5	9.3	8.3	6.9 - 9.6
West North Central	7.8	7.9	7.5 - 8.3	8.3	8.3	7.7 - 8.8	7.1	7.5	6.9 - 8.1
Iowa	8.5	8.1	7.2 - 9.0	10.0	8.6	7.3 - 9.8	6.6	7.6	6.2 - 8.9
Kansas	6.3	6.1	5.3 - 6.9	7.0	6.6	5.5 - 7.7	5.4	5.4	4.2 - 6.6
Minnesota	7.8	8.2	7.3 - 9.0	8.3	9.2	8.0 - 10.4	7.3	6.9	5.7 - 8.0
Missouri	9.2	9.9	9.1 - 10.7	9.3	9.6	8.6 - 10.7	9.1	10.2	9.0 - 11.5
Nebraska	6.1	5.7	4.9 - 6.5	6.5	5.9	4.8 - 7.0	5.6	5.5	4.3 - 6.7
North Dakota	5.9	5.6	4.7 - 6.4	5.9	6.2	5.1 - 7.4	5.8	4.6	3.4 - 5.8
South Dakota	5.5	5.4	4.6 - 6.2	5.2	5.0	4.0 - 6.1	5.9	5.9	4.6 - 7.2
West	9.9	9.5	9.2 - 9.8	10.1	10.0	9.6 - 10.4	9.5	8.9	8.5 - 9.3
Mountain	8.7	8.6	8.2 - 9.0	9.0	8.9	8.3 - 9.4	8.4	8.2	7.6 - 8.8
Arizona	9.9	9.1	8.2 - 10.0	10.1	9.2	8.0 - 10.3	9.7	9.0	7.7 - 10.3
Colorado	7.7	6.6	5.9 - 7.4	8.2	6.9	5.8 - 7.9	7.1	6.3	5.2 - 7.4
Idaho	9.8	9.8	8.7 - 10.8	10.1	10.5	9.1 - 11.8	9.5	8.8	7.3 - 10.3
Montana	8.6	8.8	7.9 - 9.8	9.4	9.1	7.8 - 10.4	7.4	8.5	7.0 - 10.0
Nevada	10.1	9.8	8.8 - 10.8	10.6	10.6	9.3 - 12.0	9.6	8.7	7.3 - 10.1
New Mexico	9.2	10.1	9.2 - 11.1	8.6	10.0	8.8 - 11.3	9.9	10.3	8.8 - 11.8
Utah	7.8	9.2	8.1 - 10.3	7.9	9.4	8.0 - 10.8	7.6	8.9	7.3 - 10.6
Wyoming	5.8	8.4	7.4 - 9.3	6.4	9.1	7.8 - 10.4	5.0	7.4	6.0 - 8.7
Pacific	10.2	9.9	9.5 - 10.2	10.6	10.4	9.9 - 10.9	9.9	9.1	8.6 - 9.7
Alaska	9.9	10.3	9.3 - 11.3	11.0	11.4	10.0 - 12.8	8.5	8.9	7.5 - 10.4
California	9.9	9.7	9.3 - 10.0	10.2	10.2	9.7 - 10.7	9.6	9.0	8.5 - 9.5
Hawaii	6.7	6.5	5.7 - 7.2	7.3	7.0	6.0 - 8.0	5.9	5.8	4.8 - 6.8
Oregon	11.5	10.8	9.9 - 11.8	11.6	11.4	10.1 - 12.7	11.5	10.1	8.7 - 11.5
Washington	12.1	11.2	10.1 - 12.2	12.7	11.7	10.3 - 13.1	11.4	10.5	8.9 - 12.0

See footnotes at end of table.

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Table 44. Unemployment rates for regions and States by sex, age, and race, 1982-83—Continued

Region and State	Both sexes, 16 to 19 years			White			Black		
	1982	1983	Error range 1983[1]	1982	1983	Error range 1983[1]	1982	1983	Error range 1983[1]
United States	23.2	22.4	21.9 - 22.9	8.6	8.4	8.3 - 8.5	18.9	19.5	19.1 - 20.0
Northeast	22.1	21.8	20.4 - 23.2	8.3	8.0	7.7 - 8.3	16.7	16.8	15.5 - 18.1
New England	20.7	17.2	15.1 - 19.4	7.6	6.5	6.1 - 7.0	14.4	14.7	11.1 - 18.3
Connecticut	18.3	16.5	12.9 - 20.0	6.2	5.3	4.7 - 6.0	16.7	16.0	12.1 - 19.9
Maine	22.8	18.4	14.3 - 22.5	8.6	9.1	8.1 - 10.0	(2)	(2)	(2)
Massachusetts	21.4	17.4	15.0 - 19.8	7.8	6.6	6.1 - 7.1	11.3	13.7	10.1 - 17.4
New Hampshire	16.2	16.6	13.1 - 20.1	7.3	5.4	4.7 - 6.1	(2)	(2)	(2)
Rhode Island	27.0	20.1	16.4 - 23.9	10.0	8.3	7.5 - 9.2	(2)	(2)	(2)
Vermont	17.4	13.1	9.8 - 16.5	6.9	6.8	6.0 - 7.5	(2)	(2)	(2)
Middle Atlantic	22.7	23.7	21.9 - 25.4	8.5	8.6	8.2 - 8.9	17.0	17.1	15.7 - 18.5
New Jersey	22.5	21.2	18.4 - 24.1	7.9	6.8	6.3 - 7.4	18.8	17.2	14.9 - 19.6
New York	22.3	24.8	22.7 - 27.0	7.8	7.7	7.3 - 8.1	13.8	14.5	13.1 - 15.9
Pennsylvania	23.3	23.9	21.4 - 26.4	9.9	10.9	10.3 - 11.5	22.8	23.5	21.0 - 26.0
South	24.4	23.4	22.2 - 24.5	7.2	7.4	7.2 - 7.6	17.2	18.1	17.4 - 18.8
South Atlantic	23.8	21.9	20.3 - 23.6	7.0	6.6	6.3 - 6.9	15.7	15.6	14.7 - 16.5
Delaware	24.9	21.8	17.6 - 26.0	6.9	6.4	5.6 - 7.2	17.4	17.8	14.9 - 20.7
District of Columbia	36.9	43.7	38.7 - 48.8	4.0	3.4	2.4 - 4.4	13.8	15.8	14.4 - 17.2
Florida	22.6	22.3	19.4 - 25.3	6.6	7.1	6.6 - 7.7	16.0	16.5	14.6 - 18.4
Georgia	21.2	18.7	14.9 - 22.5	6.1	5.3	4.6 - 6.0	13.3	14.5	12.5 - 16.5
Maryland	23.6	18.7	15.5 - 21.9	7.1	5.4	4.8 - 6.1	14.8	13.0	11.1 - 14.9
North Carolina	23.6	21.0	16.5 - 25.4	6.8	6.0	5.2 - 6.8	19.3	18.9	16.3 - 21.5
South Carolina	24.4	26.4	21.7 - 31.2	8.0	7.6	6.6 - 8.6	17.2	15.0	13.1 - 16.9
Virginia	25.8	20.0	14.3 - 25.8	6.2	4.5	3.6 - 5.3	14.7	14.0	10.8 - 17.2
West Virginia	32.0	39.3	34.4 - 44.1	13.9	17.9	16.7 - 19.1	(2)	(2)	(2)
East South Central	31.3	28.3	25.5 - 31.0	9.6	9.7	9.1 - 10.3	23.7	24.4	22.7 - 26.1
Alabama	31.6	29.1	24.0 - 34.1	10.9	9.7	8.7 - 10.8	26.9	26.5	23.7 - 29.3
Kentucky	27.6	27.5	22.3 - 32.8	10.1	11.0	9.8 - 12.1	17.9	21.5	16.1 - 27.0
Mississippi	31.1	27.7	22.3 - 33.0	6.9	7.9	6.9 - 9.0	21.2	24.0	21.5 - 26.4
Tennessee	34.3	28.5	23.6 - 33.4	9.3	9.2	8.2 - 10.2	24.1	23.1	20.0 - 26.2
West South Central	21.4	22.9	20.9 - 24.9	6.3	7.3	6.9 - 7.7	15.4	18.9	17.5 - 20.4
Arkansas	29.1	26.9	22.0 - 31.7	8.2	7.7	6.7 - 8.7	19.5	23.9	20.3 - 27.6
Louisiana	27.6	24.4	20.0 - 28.7	7.3	9.0	8.1 - 10.0	19.0	19.3	17.2 - 21.4
Oklahoma	13.1	18.9	14.9 - 22.9	5.1	7.8	7.0 - 8.6	12.1	18.1	13.6 - 22.6
Texas	20.4	22.8	20.1 - 25.4	6.0	6.7	6.2 - 7.2	12.7	17.9	15.9 - 20.0
North Central	22.7	22.1	20.9 - 23.4	9.7	9.5	9.2 - 9.8	26.9	26.4	25.0 - 27.8
East North Central	25.6	24.6	23.0 - 26.2	10.9	10.6	10.2 - 10.9	27.3	26.4	24.9 - 28.0
Illinois	23.3	23.7	21.1 - 26.3	9.2	9.6	9.0 - 10.2	26.2	25.1	22.9 - 27.2
Indiana	24.8	23.5	19.9 - 27.0	11.0	9.8	9.1 - 10.6	23.7	26.8	23.0 - 30.7
Michigan	28.7	27.6	24.9 - 30.4	13.3	12.2	11.5 - 12.9	33.3	29.3	26.7 - 32.0
Ohio	27.5	25.0	22.3 - 27.7	11.2	10.9	10.3 - 11.4	25.0	25.4	22.9 - 27.8
Wisconsin	21.6	21.2	16.9 - 25.5	10.1	10.0	9.0 - 11.0	26.7	26.2	18.1 - 34.3
West North Central	16.3	16.4	14.4 - 18.3	7.1	7.1	6.7 - 7.5	24.0	26.3	23.0 - 29.5
Iowa	17.4	16.1	12.1 - 20.1	8.2	7.7	6.8 - 8.6	(2)	(2)	(2)
Kansas	11.6	10.6	6.6 - 14.7	5.5	5.4	4.6 - 6.2	21.3	18.8	12.6 - 25.0
Minnesota	14.3	17.1	13.2 - 21.0	7.3	7.7	6.9 - 8.5	(2)	(2)	(2)
Missouri	21.7	20.6	16.7 - 24.4	8.0	8.1	7.4 - 8.9	22.6	27.5	23.7 - 31.3
Nebraska	16.2	13.6	9.3 - 17.9	5.6	5.4	4.6 - 6.1	(2)	(2)	(2)
North Dakota	13.1	9.6	5.9 - 13.3	5.4	5.2	4.4 - 6.0	(2)	(2)	(2)
South Dakota	12.0	14.8	10.5 - 19.1	4.9	4.8	4.0 - 5.6	(2)	(2)	(2)
West	22.9	21.8	20.3 - 23.2	9.4	8.9	8.6 - 9.2	16.7	19.2	17.5 - 20.9
Mountain	21.0	20.2	18.2 - 22.2	8.3	8.0	7.6 - 8.5	15.2	16.6	13.3 - 19.9
Arizona	25.2	22.9	18.8 - 27.1	9.5	8.6	7.8 - 9.5	(2)	(2)	(2)
Colorado	18.6	15.1	11.1 - 19.1	7.7	6.3	5.5 - 7.1	8.4	15.0	9.1 - 20.8
Idaho	18.4	23.6	18.9 - 28.3	9.8	9.4	8.4 - 10.4	(2)	(2)	(2)
Montana	19.8	14.8	10.2 - 19.4	7.7	7.7	6.8 - 8.7	(2)	(2)	(2)
Nevada	22.8	23.5	18.4 - 28.6	9.2	9.6	8.6 - 10.6	21.6	16.4	11.2 - 21.6
New Mexico	24.2	27.1	22.4 - 31.7	7.9	8.6	7.6 - 9.6	(2)	(2)	(2)
Utah	19.0	18.5	13.9 - 23.1	7.7	8.7	7.6 - 9.7	(2)	(2)	(2)
Wyoming	13.0	17.3	12.7 - 22.0	5.6	8.1	7.2 - 9.0	(2)	(2)	(2)
Pacific	23.7	22.4	20.6 - 24.2	9.8	9.2	8.8 - 9.6	16.9	19.6	17.7 - 21.5
Alaska	17.5	21.2	15.8 - 26.6	8.5	9.0	7.9 - 10.0	15.8	16.1	9.3 - 23.0
California	23.4	23.0	21.3 - 24.8	9.4	8.9	8.5 - 9.2	16.4	18.9	17.3 - 20.5
Hawaii	22.3	22.9	18.1 - 27.7	7.7	7.2	5.8 - 8.5	(2)	(2)	(2)
Oregon	25.6	18.2	13.8 - 22.6	11.0	10.5	9.5 - 11.5	(2)	(2)	(2)
Washington	25.1	21.5	16.7 - 26.3	11.4	10.3	9.3 - 11.4	(2)	(2)	(2)

[1] Error ranges are shown for 1983 unemployment rates at the 90-percent confidence interval, which means that, if repeated samples were drawn from the same population and an error range constructed around each sample estimate, in 9 out of 10 cases the true value based on a complete census of the population would be contained within these error ranges.

[2] Unemployment rates are not shown when they do not meet BLS standards of publication for the State, based on the sample in that State.

Table 45. Unemployment rates for Hispanic-origin workers in selected States, 1982-83

State	Unemployment rate		Error range 1983[1]
	1982	1983	
United States	13.8	13.7	13.1 - 14.2
Arizona	17.2	13.5	10.9 - 16.2
California	15.3	15.0	14.0 - 16.0
Colorado	15.6	14.0	10.4 - 17.6
Florida	11.6	11.6	9.6 - 13.6
Illinois	18.5	14.5	11.4 - 17.7
New Jersey	18.0	14.3	11.4 - 17.2
New Mexico	13.2	13.9	11.8 - 15.9
New York	13.2	12.2	10.5 - 13.9
Texas	10.4	12.5	11.1 - 13.8

[1] State error ranges for the Hispanic-origin population were not available at the time of publication. The State error ranges provided are computed from the sampling error tables for black workers and serve as an approximation of the sampling errors for Hispanic workers. Error ranges are shown at the 90-percent confidence interval, which means that, if repeated samples were drawn from the same population and an error range constructed around each sample estimate, in 9 out of 10 cases the true value based on a complete census of the population would be contained within these error ranges.

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Table 46. Work experience of the population during the year by sex and extent of employment, 1950-83

(In thousands)

Sex and year	Number who worked during the year[1]								
	Total	Full-time[2]				Part-time[3]			
		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks
TOTAL									
1950	68,876	58,181	38,375	11,795	8,013	10,695	3,322	2,214	5,162
1951	69,962	59,544	40,142	12,018	7,834	10,418	3,144	2,240	5,034
1952	70,512	60,294	40,486	12,374	7,434	10,218	3,092	2,294	4,832
1953	70,682	60,532	41,601	12,003	6,928	10,150	3,270	2,333	4,547
1954	71,797	60,059	40,080	12,025	7,954	11,738	3,701	2,663	5,374
1955	75,353	62,581	42,624	11,952	8,005	12,772	4,773	2,573	5,426
1956	75,852	62,437	42,778	11,791	7,868	13,415	4,760	2,693	5,962
1957	77,664	62,874	42,818	11,981	8,075	14,790	4,989	2,872	6,929
1958	77,117	61,676	41,329	11,546	8,799	15,441	5,402	3,025	7,014
1959	78,162	63,004	42,030	12,515	8,459	15,158	5,173	3,104	6,881
1960	80,618	64,153	43,265	12,312	8,756	16,465	5,307	3,290	7,868
1961	80,287	64,218	43,006	12,042	9,170	16,069	5,191	3,068	7,810
1962	82,057	65,327	44,079	12,102	9,146	16,730	5,130	3,368	8,232
1963	83,227	66,157	45,449	11,565	9,153	17,060	5,229	3,353	8,478
1964	85,124	67,825	46,846	11,691	9,288	17,299	5,268	3,374	8,657
1965	86,186	68,697	48,392	11,171	9,134	17,489	5,418	3,268	8,803
1966	86,266	70,140	50,049	10,647	9,444	16,126	5,407	3,380	7,339
1967	88,179	71,909	51,705	10,702	9,502	16,270	5,641	3,430	7,199
1968	90,230	73,266	52,285	11,115	9,866	16,964	5,769	3,720	7,475
1969	92,477	74,453	52,796	11,381	9,976	18,324	6,282	4,112	7,930
1970	93,850	74,520	52,143	12,157	10,220	19,330	6,323	4,367	8,640
1971	95,481	75,767	53,536	11,702	10,529	19,714	6,827	4,456	8,431
1972	97,654	78,157	55,708	11,694	10,756	19,496	6,562	4,334	8,601
1973	101,112	80,198	57,648	11,900	10,651	20,913	7,029	4,837	9,047
1974	102,608	80,710	55,756	13,622	11,336	21,897	7,133	5,562	9,201
1975	102,603	80,906	55,690	13,226	11,990	21,697	7,686	5,391	8,618
1976	105,809	83,021	57,346	13,639	12,036	22,788	7,611	5,679	9,495
1977	108,914	85,605	59,725	14,155	11,727	23,307	7,773	5,846	9,688
1978	112,335	88,843	63,174	14,044	11,626	23,492	7,890	6,112	9,489
1979	114,993	90,789	64,706	14,905	11,179	24,204	8,190	6,291	9,722
1980	115,752	90,920	64,936	14,466	11,517	24,832	8,937	6,028	9,867
1981	116,794	90,670	65,292	14,436	10,942	26,124	9,133	6,596	10,395
1982	116,277	89,575	63,973	14,106	11,496	26,702	9,812	6,693	10,197
1983	117,718	90,744	66,828	13,071	10,845	26,974	10,306	6,213	10,455

See footnotes at end of table.

Table 46. Work experience of the population during the year by sex and extent of employment, 1950-83—Continued

(Percent)

Sex and year	Number who worked during the year[1]								
	Total	Full-time[2]				Part-time[3]			
		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks
TOTAL									
1950	100.0	84.5	55.7	17.1	11.6	15.5	4.8	3.2	7.5
1951	100.0	85.1	57.4	17.2	10.6	14.9	4.5	3.2	7.2
1952	100.0	85.5	57.4	17.5	10.5	14.5	4.4	3.3	6.9
1953	100.0	85.6	58.9	17.0	9.8	14.4	4.6	3.3	6.4
1954	100.0	83.7	55.8	16.7	11.1	16.3	5.2	3.7	7.5
1955	100.0	83.1	56.6	15.9	10.6	16.9	6.3	3.4	7.2
1956	100.0	82.3	56.4	15.5	10.4	17.7	6.3	3.6	7.9
1957	100.0	81.0	55.1	15.4	10.4	19.0	6.4	3.7	8.9
1958	100.0	80.0	53.6	15.0	11.4	20.0	7.0	3.9	9.1
1959	100.0	80.6	53.8	16.0	10.8	19.4	6.6	4.0	8.8
1960	100.0	79.6	53.7	15.0	10.9	20.4	6.6	4.1	9.8
1961	100.0	80.0	53.6	15.0	11.4	20.0	6.5	3.8	9.7
1962	100.0	79.6	53.7	14.7	11.1	20.4	6.3	4.1	10.0
1963	100.0	79.5	54.6	13.9	11.0	20.5	6.3	4.0	10.2
1964	100.0	79.6	55.0	13.7	10.9	20.3	6.2	4.0	10.2
1965	100.0	79.7	56.1	13.0	10.6	20.3	6.3	3.8	10.2
1966	100.0	81.3	58.0	12.3	10.9	18.7	6.3	3.9	8.5
1967	100.0	81.5	58.6	12.1	10.8	18.5	6.4	3.9	8.2
1968	100.0	81.2	57.9	12.3	10.9	18.8	6.4	4.1	8.3
1969	100.0	80.2	57.1	12.3	10.8	19.8	6.8	4.4	8.6
1970	100.0	79.4	55.6	13.0	10.9	20.6	6.7	4.7	9.2
1971	100.0	79.4	56.1	12.3	11.0	20.6	7.2	4.7	8.8
1972	100.0	80.0	57.0	12.0	11.0	20.0	6.7	4.4	8.8
1973	100.0	79.3	57.0	11.8	10.5	20.7	7.0	4.8	8.9
1974	100.0	78.7	54.3	13.3	11.0	21.3	7.0	5.4	8.9
1975	100.0	78.9	54.3	12.9	11.7	21.1	7.5	5.3	8.4
1976	100.0	78.5	54.2	12.9	11.4	21.5	7.2	5.4	9.0
1977	100.0	78.6	54.8	13.1	10.8	21.4	7.1	5.4	8.9
1978	100.0	79.1	56.2	12.5	10.3	20.9	7.0	5.4	8.4
1979	100.0	79.0	56.3	13.0	9.7	21.0	7.1	5.5	8.5
1980	100.0	78.5	56.1	12.5	9.9	21.5	7.7	5.2	8.5
1981	100.0	77.6	55.9	12.4	9.4	22.4	7.8	5.6	8.9
1982	100.0	77.0	55.0	12.1	9.9	23.0	8.4	5.8	8.8
1983	100.0	77.1	56.8	11.1	9.2	22.9	8.8	5.3	8.9

See footnotes at end of table.

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Table 46. Work experience of the population during the year by sex and extent of employment, 1950-83—Continued

(In thousands)

Sex and year	Number who worked during the year[1]								
	Total	Full-time[2]				Part-time[3]			
		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks
Men									
1950	45,526	41,042	29,783	7,624	3,636	4,484	1,406	1,004	2,074
1951	45,364	41,338	30,894	7,518	2,926	4,026	1,310	918	1,798
1952	45,704	41,816	30,878	7,922	3,016	3,888	1,178	896	1,814
1953	46,146	42,059	31,902	7,317	2,840	4,087	1,341	1,055	1,691
1954	46,318	41,404	30,389	7,567	3,448	4,914	1,552	1,227	2,135
1955	47,624	42,814	32,137	7,356	3,331	4,810	1,930	1,066	1,814
1956	47,904	42,704	32,342	7,218	3,144	5,200	1,920	1,074	2,206
1957	48,709	42,886	32,089	7,350	3,447	5,823	2,135	1,115	2,573
1958	48,380	42,052	30,727	7,233	4,091	6,328	2,348	1,259	2,721
1959	48,973	42,997	31,502	7,830	3,665	5,976	2,211	1,224	2,541
1960	50,033	43,476	31,966	7,653	3,857	6,557	2,247	1,267	3,043
1961	49,854	43,467	31,769	7,434	4,264	6,387	2,240	1,165	2,984
1962	50,639	43,987	32,513	7,185	4,289	6,652	2,114	1,305	3,233
1963	51,039	44,294	33,587	6,686	4,021	6,745	2,098	1,274	3,373
1964	51,978	45,313	34,428	6,723	4,162	6,665	2,164	1,220	3,281
1965	52,419	45,552	35,300	6,306	3,946	6,867	2,326	1,197	3,344
1966	51,708	45,909	36,191	5,802	3,916	5,799	2,091	1,162	2,546
1967	52,396	46,658	36,621	6,051	3,986	5,734	2,096	1,202	2,436
1968	53,312	47,313	37,014	6,111	4,188	5,999	2,237	1,227	2,535
1969	54,390	47,750	37,160	6,383	4,207	6,640	2,366	1,449	2,825
1970	55,041	48,183	36,361	7,176	4,647	6,858	2,441	1,455	2,962
1971	56,257	49,056	37,138	6,942	4,975	7,202	2,535	1,577	3,089
1972	57,420	50,326	38,596	6,808	4,922	7,095	2,403	1,532	3,160
1973	58,858	51,422	39,956	6,736	4,729	7,437	2,532	1,639	3,266
1974	59,389	51,826	38,310	8,056	5,460	7,565	2,545	1,877	3,142
1975	59,091	51,706	37,693	7,908	6,104	7,386	2,578	1,772	3,035
1976	60,361	52,791	38,669	8,014	6,107	7,571	2,541	1,796	3,234
1977	61,693	53,922	39,835	8,239	5,847	7,772	2,525	1,910	3,337
1978	63,015	55,353	41,656	8,005	5,689	7,664	2,544	1,913	3,206
1979	64,063	56,078	42,464	8,259	5,355	7,986	2,699	1,999	3,288
1980	64,260	56,031	41,915	8,284	5,831	8,229	2,814	1,901	3,515
1981	64,769	55,808	41,806	8,338	5,665	8,961	2,946	2,085	3,930
1982	64,365	54,917	40,129	8,334	6,454	9,448	3,118	2,375	3,955
1983	64,695	55,262	41,540	7,669	6,054	9,433	3,227	2,034	4,172

See footnotes at end of table.

Table 46. Work experience of the population during the year by sex and extent of employment, 1950-83—Continued

(Percent)

Sex and year	Number who worked during the year[1]								
	Total	Full-time[2]				Part-time[3]			
		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks
Men									
1950	100.0	90.2	65.4	16.7	8.0	9.8	3.1	2.2	4.6
1951	100.0	91.1	68.1	16.6	6.4	8.9	2.9	2.0	4.0
1952	100.0	91.5	67.6	17.3	6.6	8.5	2.6	2.0	4.0
1953	100.0	91.1	69.1	15.9	6.2	8.9	2.9	2.3	3.7
1954	100.0	89.4	65.6	16.3	7.4	10.6	3.4	2.6	4.6
1955	100.0	89.9	67.5	15.5	7.0	10.1	4.1	2.2	3.8
1956	100.0	89.1	67.5	15.1	6.6	10.9	4.0	2.2	4.6
1957	100.0	88.0	65.9	15.1	7.1	12.0	4.4	2.3	5.3
1958	100.0	86.9	63.5	15.0	8.5	13.1	4.9	2.6	5.6
1959	100.0	87.8	64.3	16.0	7.5	12.2	4.5	2.5	5.2
1960	100.0	86.9	63.9	15.3	7.7	12.1	4.5	2.5	6.1
1961	100.0	87.2	63.7	14.9	8.6	12.8	4.5	2.3	6.0
1962	100.0	86.9	64.2	14.2	8.5	13.1	4.2	2.6	6.4
1963	100.0	86.8	65.8	13.1	7.9	13.2	4.1	2.5	6.6
1964	100.0	87.1	66.2	12.9	8.0	12.8	4.2	2.3	6.3
1965	100.0	86.9	67.3	12.0	7.5	13.1	4.4	2.3	6.4
1966	100.0	88.8	70.0	11.2	7.6	11.2	4.0	2.2	4.9
1967	100.0	89.1	69.9	11.5	7.6	10.9	4.0	2.3	4.6
1968	100.0	88.7	69.4	11.5	7.9	11.3	4.2	2.3	4.8
1969	100.0	87.8	68.3	11.7	7.7	12.2	4.4	2.7	5.2
1970	100.0	87.5	66.1	13.0	8.4	12.5	4.4	2.6	5.4
1971	100.0	87.2	66.0	12.3	8.8	12.8	4.5	2.8	5.5
1972	100.0	87.6	67.2	11.9	8.6	12.4	4.2	2.7	5.5
1973	100.0	87.4	67.9	11.4	8.0	12.6	4.3	2.8	5.5
1974	100.0	87.3	64.5	13.6	9.2	12.7	4.3	3.2	5.3
1975	100.0	87.5	63.8	13.4	10.3	12.5	4.4	3.0	5.1
1976	100.0	87.5	64.1	13.3	10.1	12.5	4.2	3.0	5.3
1977	100.0	87.4	64.6	13.4	9.5	12.6	4.1	3.1	5.4
1978	100.0	87.8	66.1	12.7	9.0	12.2	4.0	3.0	5.1
1979	100.0	87.5	66.3	12.9	8.4	12.5	4.2	3.1	5.1
1980	100.0	87.2	65.2	12.9	9.1	12.8	4.4	3.0	5.5
1981	100.0	86.2	64.5	12.9	8.7	13.8	4.5	3.2	6.1
1982	100.0	85.3	62.3	12.9	10.0	14.7	4.8	3.7	6.1
1983	100.0	85.4	64.2	11.9	9.4	14.6	5.0	3.1	6.4

See footnotes at end of table.

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Table 46. Work experience of the population during the year by sex and extent of employment, 1950-83—Continued

(In thousands)

Sex and year	Number who worked during the year[1]								
	Total	Full-time[2]				Part-time[3]			
		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks
Women									
1950	23,350	17,139	8,592	4,171	4,377	6,211	1,916	1,210	3,088
1951	24,598	18,206	9,248	4,500	4,458	6,392	1,834	1,322	3,236
1952	24,808	18,478	9,608	4,452	4,418	6,330	1,914	1,398	3,018
1953	24,536	18,473	9,699	4,686	4,088	6,063	1,929	1,278	2,856
1954	25,479	18,655	9,691	4,458	4,506	6,824	2,149	1,436	3,239
1955	27,729	19,767	10,497	4,596	4,674	7,962	2,843	1,507	3,612
1956	27,948	19,733	10,436	4,573	4,724	8,215	2,840	1,619	3,756
1957	28,955	19,988	10,729	4,631	4,628	8,967	2,854	1,757	4,356
1958	28,736	19,263	10,602	4,313	4,708	9,113	3,054	1,766	4,293
1959	29,189	20,007	10,528	4,685	4,794	9,182	2,962	1,880	4,340
1960	30,585	20,677	11,299	4,479	4,899	9,908	3,060	2,023	4,825
1961	30,433	20,751	11,237	4,608	4,906	9,682	2,951	1,905	4,826
1962	31,418	21,340	11,506	4,917	4,857	10,078	3,016	2,063	4,999
1963	32,188	21,873	11,862	4,879	5,132	10,315	3,131	2,079	5,105
1964	33,146	22,512	12,418	4,968	5,126	10,634	3,104	2,154	5,376
1965	33,767	23,145	13,092	4,865	5,188	10,622	3,092	2,071	5,459
1966	34,588	24,231	13,858	4,845	5,528	10,327	3,316	2,218	4,793
1967	35,787	25,251	15,084	4,651	5,516	10,526	3,545	2,228	4,763
1968	36,918	25,953	15,271	5,004	5,678	10,965	3,532	2,493	4,940
1969	38,087	26,403	15,636	4,998	5,769	11,684	3,916	2,663	5,105
1970	38,809	26,337	15,782	4,982	5,574	12,472	3,882	2,911	5,679
1971	39,224	26,712	16,398	4,760	5,553	12,512	4,293	2,879	5,341
1972	40,233	27,831	17,112	4,886	5,834	12,402	4,159	2,802	5,441
1973	42,253	28,776	17,691	5,163	5,922	13,477	4,497	3,199	5,781
1974	43,218	28,885	17,445	5,566	5,876	14,333	4,589	3,685	6,060
1975	43,511	29,201	17,997	5,317	5,886	14,310	5,109	3,619	5,583
1976	45,447	30,232	18,676	5,627	5,930	15,215	5,071	3,884	6,262
1977	47,219	31,683	19,889	5,914	5,881	15,536	5,247	3,937	6,352
1978	49,318	33,491	21,517	6,038	5,935	15,828	5,346	4,201	6,282
1979	50,929	34,711	22,242	6,645	5,824	16,218	5,491	4,293	6,434
1980	51,492	34,889	23,021	6,182	5,686	16,603	6,124	4,127	6,352
1981	52,025	34,862	23,486	6,098	5,277	17,164	6,187	4,512	6,465
1982	51,912	34,658	23,844	5,772	5,042	17,254	6,694	4,318	6,242
1983	53,023	35,482	25,288	5,402	4,792	17,541	7,079	4,180	6,282

See footnotes at end of table.

Table 46. Work experience of the population during the year by sex and extent of employment, 1950-83—Continued

(Percent)

Sex and year	Number who worked during the year[1]								
	Total	Full-time[2]				Part-time[3]			
		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks
Women									
1950	100.0	73.4	36.8	17.9	18.7	26.6	8.2	5.1	13.2
1951	100.0	74.0	37.6	18.3	18.1	26.0	7.5	5.4	13.2
1952	100.0	74.5	38.7	17.9	17.8	25.5	7.7	5.6	12.2
1953	100.0	75.3	39.5	19.1	16.7	24.7	7.9	5.2	11.6
1954	100.0	73.2	38.0	17.5	17.7	26.8	8.4	5.6	12.7
1955	100.0	71.3	37.9	16.5	16.9	28.7	10.3	5.4	13.0
1956	100.0	70.6	37.3	16.4	16.9	29.4	10.2	5.8	13.4
1957	100.0	69.0	37.0	16.0	16.0	31.0	9.9	6.1	15.0
1958	100.0	68.3	36.9	15.0	16.4	31.7	10.6	6.1	14.9
1959	100.0	68.5	36.1	16.1	16.4	31.5	10.1	6.4	14.9
1960	100.0	67.6	36.9	14.6	16.0	32.4	10.0	6.6	15.8
1961	100.0	68.2	36.9	15.1	16.1	31.8	9.7	6.3	15.9
1962	100.0	67.9	36.8	15.6	15.5	32.1	9.6	6.6	15.9
1963	100.0	68.0	36.9	15.2	15.9	32.0	9.7	6.5	15.9
1964	100.0	68.0	37.5	15.0	15.5	32.1	9.4	6.5	16.2
1965	100.0	68.5	38.8	14.4	15.4	31.5	9.2	6.1	16.2
1966	100.0	70.1	40.1	14.0	16.0	29.7	9.6	6.4	13.9
1967	100.0	70.6	42.1	13.0	15.4	29.4	9.9	6.2	13.3
1968	100.0	70.3	41.4	13.6	15.4	29.7	9.6	6.8	13.4
1969	100.0	69.3	41.1	13.1	15.1	30.7	10.3	7.0	13.4
1970	100.0	67.9	40.7	12.8	14.4	32.1	10.1	7.5	14.6
1971	100.0	68.1	41.8	12.1	14.2	31.9	10.9	7.3	13.6
1972	100.0	69.2	42.5	12.1	14.5	30.8	10.3	7.0	13.5
1973	100.0	68.1	41.9	12.2	14.0	31.9	10.6	7.6	13.7
1974	100.0	66.8	40.4	12.9	13.6	33.2	10.6	8.5	14.0
1975	100.0	67.1	41.4	12.2	13.5	32.9	11.7	8.3	12.8
1976	100.0	66.5	41.1	12.4	13.0	33.5	11.2	8.5	13.8
1977	100.0	67.1	42.1	12.5	12.5	32.9	11.1	8.3	13.5
1978	100.0	67.9	43.6	12.2	12.0	32.1	10.8	8.5	12.7
1979	100.0	68.2	43.7	13.0	11.4	31.8	10.8	8.4	12.6
1980	100.0	67.8	44.7	12.0	11.0	32.2	11.9	8.0	12.3
1981	100.0	67.0	45.1	11.7	10.1	33.0	11.9	8.7	12.4
1982	100.0	66.8	45.9	11.1	9.7	33.2	12.9	8.3	12.0
1983	100.0	66.9	47.7	10.2	9.0	33.1	13.4	7.9	11.8

[1] Time worked includes paid vacation and sick leave.

[2] Usually worked 35 hours or more per week.

[3] Usually worked 1 to 34 hours per week.

NOTE: Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.

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Table 47. Extent of unemployment during the year by sex, 1958-83

(In thousands)

Extent of unemployment and sex	1958	1959	1960	1961	1962	1963	1964	1965	1966
TOTAL									
Total who worked or looked for work	78,787	79,494	82,204	81,963	83,944	85,038	86,837	87,591	87,540
Percent with unemployment	17.9	15.3	17.2	18.4	18.2	16.7	16.2	14.1	13.0
Total with unemployment	14,120	12,195	14,151	15,096	15,256	14,211	14,052	12,334	11,387
Did not work but looked for work	1,670	1,332	1,586	1,676	1,887	1,811	1,713	1,405	1,274
Worked during the year	12,449	10,863	12,565	13,420	13,369	12,400	12,339	10,929	10,113
Year-round workers[1] with 1 or 2 weeks of unemployment	1,180	840	1,062	1,036	1,129	1,239	1,121	1,207	1,269
Part-year workers[2] with unemployment	11,269	10,023	11,503	12,384	12,240	11,161	11,218	9,722	8,844
1 to 4 weeks	2,387	2,569	2,834	3,098	2,993	2,708	3,060	3,151	3,348
5 to 10 weeks	2,367	2,348	2,704	2,559	2,759	2,407	2,550	2,208	2,038
11 to 14 weeks	1,479	1,403	1,517	1,669	1,700	1,595	1,514	1,286	1,047
15 to 26 weeks	2,556	2,070	2,466	2,849	2,769	2,622	2,444	1,995	1,567
27 weeks or more	2,482	1,633	1,982	2,209	2,020	1,840	1,650	1,082	844
Two or more spells of unemployment[3]	5,117	4,228	4,602	4,963	5,219	4,635	4,755	3,942	3,411
2 spells	(4)	1,813	2,034	2,299	2,524	2,246	2,342	1,765	1,465
3 or more spells	(4)	2,415	2,568	2,664	2,695	2,389	2,413	2,177	1,946
Men									
Total who worked or looked for work	49,158	49,523	50,686	50,610	51,412	51,817	52,645	52,958	52,103
Percent with unemployment	19.6	16.5	18.4	19.4	18.8	17.2	16.3	14.0	12.5
Total with unemployment	9,645	8,163	9,318	9,846	9,686	8,923	8,563	7,428	6,503
Did not work but looked for work	778	550	653	756	773	778	667	539	395
Worked during the year	8,867	7,613	8,665	9,090	8,913	8,145	7,896	6,889	6,108
Year-round workers[1] with 1 or 2 weeks of unemployment	863	657	779	791	817	934	815	886	923
Part-year workers[2] with unemployment	8,004	6,956	7,886	8,299	8,096	7,211	7,081	6,003	5,185
1 to 4 weeks	1,435	1,472	1,651	1,709	1,668	1,521	1,675	1,694	1,727
5 to 10 weeks	1,692	1,688	1,907	1,878	1,891	1,609	1,706	1,391	1,286
11 to 14 weeks	1,094	1,031	1,123	1,217	1,194	1,122	1,038	872	707
15 to 26 weeks	1,950	1,564	1,821	2,027	1,960	1,802	1,605	1,347	972
27 weeks or more	1,835	1,201	1,384	1,468	1,383	1,157	1,057	699	493
Two or more spells of unemployment[3]	3,850	3,173	3,430	3,618	3,805	3,269	3,314	2,769	2,295
2 spells	(4)	1,293	1,453	1,603	1,788	1,536	1,575	1,147	900
3 or more spells	(4)	1,880	1,977	2,015	2,017	1,743	1,738	1,622	1,395
Women									
Total who worked or looked for work	29,628	29,971	31,518	31,353	32,532	33,221	34,192	34,633	35,437
Percent with unemployment	15.1	13.5	15.3	16.7	17.1	15.9	16.1	14.2	13.8
Total with unemployment	4,474	4,032	4,833	5,250	5,570	5,288	5,489	4,906	4,884
Did not work but looked for work	892	782	993	920	1,114	1,033	1,046	866	879
Worked during the year	3,582	3,250	3,900	4,330	4,456	4,255	4,443	4,040	4,005
Year-round workers[1] with 1 or 2 weeks of unemployment	317	184	283	245	312	305	306	321	346
Part-year workers[2] with unemployment	3,265	3,067	3,617	4,085	4,144	3,950	4,137	3,719	3,659
1 to 4 weeks	952	1,097	1,183	1,389	1,325	1,187	1,385	1,457	1,621
5 to 10 weeks	675	660	797	681	868	798	844	817	752
11 to 14 weeks	385	372	394	452	506	473	476	414	340
15 to 26 weeks	606	506	645	822	808	809	839	640	595
27 weeks or more	647	432	598	741	637	683	593	383	351
Two or more spells of unemployment[3]	1,267	1,055	1,172	1,345	1,414	1,366	1,441	1,173	1,116
2 spells	(4)	520	581	696	736	720	766	618	565
3 or more spells	(4)	535	591	649	678	646	675	555	551

See footnotes at end of table.

Table 47. Extent of unemployment during the year by sex, 1958-83—Continued

(In thousands)

Extent of unemployment and sex	1967	1968	1969	1970	1971	1972	1973	1974	1975
TOTAL									
Total who worked or looked for work	89,432	91,480	93,640	95,576	97,652	99,730	102,747	104,769	105,843
Percent with unemployment	12.9	12.4	12.5	15.3	16.3	15.5	14.3	17.9	20.2
Total with unemployment	11,564	11,332	11,744	14,615	15,950	15,436	14,697	18,785	21,402
Did not work but looked for work	1,253	1,250	1,163	1,725	2,171	2,076	1,635	2,161	3,240
Worked during the year	10,311	10,082	10,581	12,889	13,780	13,360	13,061	16,625	18,163
Year-round workers[1] with 1 or 2 weeks of unemployment	1,381	1,285	1,396	1,181	1,110	1,159	1,209	898	860
Part-year workers[2] with unemployment	8,930	8,797	9,185	11,709	12,670	12,201	11,852	15,727	17,303
1 to 4 weeks	3,357	3,632	3,614	3,313	3,154	3,436	3,767	4,542	3,848
5 to 10 weeks	2,073	1,989	2,177	2,738	2,726	2,634	2,672	3,790	3,423
11 to 14 weeks	1,177	1,036	1,057	1,675	1,703	1,531	1,557	1,881	2,263
15 to 26 weeks	1,520	1,406	1,542	2,477	2,963	2,725	2,417	3,429	4,342
27 weeks or more	803	734	795	1,506	2,124	1,874	1,438	2,083	3,426
Two or more spells of unemployment[3]	3,357	3,122	3,417	4,325	4,481	4,353	4,243	5,988	5,691
2 spells	1,503	1,471	1,603	2,096	2,220	2,122	2,047	3,116	3,038
3 or more spells	1,854	1,651	1,814	2,229	2,261	2,231	2,196	2,872	2,653
Men									
Total who worked or looked for work	52,788	53,677	54.755	55,714	57,091	58,170	59,355	60,114	60,413
Percent with unemployment	12.6	11.7	12.3	15.5	16.4	15.3	13.5	17.3	20.0
Total with unemployment	6,655	6,263	6,709	8,642	9,372	8,881	8,032	10,421	12,101
Did not work but looked for work	396	365	365	673	834	750	496	724	1,321
Worked during the year	6,259	5,898	6,344	7,969	8,538	8,131	7,536	9,697	10,779
Year-round workers[1] with 1 or 2 weeks of unemployment	1,002	900	963	835	770	831	863	612	591
Part-year workers[2] with unemployment	5,257	4,998	5,381	7,134	7,768	7,300	6,673	9,085	10,187
1 to 4 weeks	1,743	1,875	1,861	1,748	1,712	1,761	1,793	2,244	1,839
5 to 10 weeks	1,310	1,215	1,386	1,764	1,744	1,690	1,595	2,289	2,008
11 to 14 weeks	759	647	700	1,094	1,089	1,006	950	1,156	1,402
15 to 26 weeks	979	870	980	1,590	1,931	1,729	1,530	2,141	2,879
27 weeks or more	466	391	454	938	1,292	1,113	804	1,256	2,062
Two or more spells of unemployment[3]	2,228	2,015	2,262	2,923	3,009	2,842	2,687	3,936	3,665
2 spells	908	901	1,003	1,384	1,455	1,337	1,196	1,973	1,871
3 or more spells	1,320	1,114	1,259	1,539	1,555	1,504	1,491	1,962	1,795
Women									
Total who worked or looked for work	36,644	37,803	38,885	39,862	40,561	41,559	43,392	44,655	45,430
Percent with unemployment	13.4	13.4	12.9	15.0	16.2	15.8	15.4	18.7	20.5
Total with unemployment	4,909	5,069	5,035	5,973	6,579	6,555	6,665	8,364	9,302
Did not work but looked for work	857	885	798	1,053	1,337	1,326	1,139	1,437	1,918
Worked during the year	4,052	4,184	4,237	4,920	5,242	5,229	5,526	6,927	7,383
Year-round workers[1] with 1 or 2 weeks of unemployment	379	385	433	345	339	328	346	285	267
Part-year workers[2] with unemployment	3,673	3,799	3,804	4,575	4,902	4,901	5,179	6,643	7,117
1 to 4 weeks	1,614	1,757	1,753	1,565	1,441	1,675	1,973	2,298	2,010
5 to 10 weeks	763	774	791	974	982	944	1,077	1,502	1,415
11 to 14 weeks	418	389	357	581	614	525	606	727	862
15 to 26 weeks	541	536	562	887	1,032	996	888	1,289	1,463
27 weeks or more	337	343	341	568	833	761	635	828	1,366
Two or more spells of unemployment[3]	1,129	1,107	1,155	1,402	1,472	1,511	1,556	2,053	2,025
2 spells	595	570	600	712	766	784	851	1,143	1,167
3 or more spells	534	537	555	689	706	727	706	910	857

See footnotes at end of table.

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Table 47. Extent of unemployment during the year by sex, 1958-83—Continued

(In thousands)

Extent of unemployment and sex	1976	1977	1978	1979	1980	1981	1982	1983
TOTAL								
Total who worked or looked for work	108,783	111,531	114,464	116,983	118,348	119,658	120,235	121,634
Percent with unemployment	19.1	17.9	15.9	15.8	18.1	19.5	22.0	19.6
Total with unemployment	20,795	19,910	18,185	18,468	21,410	23,382	26,493	23,799
Did not work but looked for work	2,973	2,618	2,129	1,990	2,597	2,863	3,958	3,916
Worked during the year	17,821	17,290	16,056	16,478	18,813	20,518	22,535	19,883
Year-round workers[1] with 1 or 2 weeks of unemployment	752	663	689	856	925	1,170	1,155	920
Part-year workers[2] with unemployment	17,071	16,628	15,367	15,622	17,888	19,348	21,380	18,963
1 to 4 weeks	3,930	4,278	4,161	4,264	3,908	3,991	3,483	3,367
5 to 10 weeks	3,554	3,666	3,490	3,542	3,781	4,040	4,184	3,608
11 to 14 weeks	2,307	2,183	2,234	2,335	2,452	2,815	2,808	2,549
15 to 26 weeks	4,048	3,775	3,323	3,378	4,404	4,940	5,863	4,980
27 weeks or more	3,232	2,723	2,157	2,102	3,343	3,562	5,041	4,460
Two or more spells of unemployment[3]	5,838	5,647	5,225	5,314	5,969	6,986	7,573	6,445
2 spells	3,024	2,975	2,735	2,804	3,159	3,750	3,854	3,308
3 or more spells	2,815	2,672	2,490	2,510	2,810	3,237	3,719	3,136
Men								
Total who worked or looked for work	61,556	62,674	63,804	64,739	65,277	65,950	66,160	66,531
Percent with unemployment	18.8	17.5	15.4	15.5	18.5	20.0	23.3	21.0
Total with unemployment	11,587	10,949	9,822	10,042	12,072	13,175	15,441	13,973
Did not work but looked for work	1,196	980	788	675	1,018	1,181	1,795	1,835
Worked during the year	10,391	9,970	9,034	9,367	11,054	11,994	13,646	12,138
Year-round workers[1] with 1 or 2 weeks of unemployment	495	430	453	601	671	733	747	615
Part-year workers[2] with unemployment	9,896	9,539	8,581	8,766	10,383	11,260	12,900	11,523
1 to 4 weeks	1,901	2,046	1,886	1,988	1,837	1,985	1,736	1,718
5 to 10 weeks	2,091	2,143	2,042	2,096	2,224	2,296	2,372	2,078
11 to 14 weeks	1,338	1,366	1,361	1,403	1,499	1,667	1,721	1,588
15 to 26 weeks	2,508	2,424	2,007	2,028	2,776	3,057	3,911	3,245
27 weeks or more	2,059	1,561	1,286	1,252	2,047	2,256	3,159	2,895
Two or more spells of unemployment[3]	3,799	3,607	3,166	3,347	3,817	4,478	4,913	4,276
2 spells	1,915	1,864	1,602	1,698	1,949	2,329	2,421	2,082
3 or more spells	1,885	1,742	1,564	1,649	1,868	2,149	2,492	2,194
Women								
Total who worked or looked for work	47,225	48,858	50,660	52,244	53,071	53,708	54,704	55,103
Percent with unemployment	19.5	18.3	16.5	16.1	17.6	19.0	20.4	17.8
Total with unemployment	9,208	8,960	8,363	8,426	9,338	10,207	11,052	9,826
Did not work but looked for work	1,778	1,638	1,342	1,315	1,579	1,682	2,163	2,080
Worked during the year	7,431	7,322	7,022	7,111	7,759	8,525	8,889	7,745
Year-round workers[1] with 1 or 2 weeks of unemployment	254	232	235	254	255	437	408	305
Part-year workers[2] with unemployment	7,176	7,090	6,786	6,857	7,504	8,088	8,481	7,440
1 to 4 weeks	2,028	2,233	2,274	2,276	2,071	2,006	1,747	1,649
5 to 10 weeks	1,464	1,522	1,449	1,446	1,557	1,744	1,813	1,530
11 to 14 weeks	968	816	873	932	953	1,148	1,087	961
15 to 26 weeks	1,541	1,354	1,318	1,351	1,629	1,884	1,952	1,735
27 weeks or more	1,174	1,163	873	851	1,296	1,306	1,882	1,565
Two or more spells of unemployment[3]	2,039	2,040	2,059	1,967	2,152	2,508	2,660	2,168
2 spells	1,110	1,110	1,133	1,106	1,210	1,421	1,433	1,226
3 or more spells	929	930	927	861	942	1,087	1,227	942

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[1] Worked 50 weeks or more.

[2] Worked less than 50 weeks.

[3] Each continuous period of unemployment of at least 1 week's duration is considered one spell of unemployment. The number of weeks of unemployment during the year represents the total number of weeks accumulated in all spells of unemployment during which a person looked for work and did not work at all.

[4] Not available.

NOTE: Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.

Table 48. Percent distribution of unemployment during the year by sex, 1958-83

Extent of unemployment and sex	1958	1959	1960	1961	1962	1963	1964	1965	1966
TOTAL									
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	9.5	7.7	8.5	7.7	8.4	10.0	9.1	11.0	12.5
Part-year workers[2] with unemployment	90.5	92.3	91.5	92.3	91.6	90.0	90.9	89.0	87.5
1 to 4 weeks	12.9	23.6	22.6	23.1	22.4	21.8	24.8	28.8	33.1
5 to 10 weeks	19.0	21.6	21.5	19.1	20.6	19.4	20.7	20.2	20.2
11 to 14 weeks	11.9	12.9	12.1	12.4	12.7	12.9	12.3	11.8	10.4
15 to 26 weeks	20.5	19.1	19.6	21.2	20.7	21.1	19.8	18.3	15.5
27 weeks or more	19.9	15.0	15.8	16.5	15.1	14.8	13.4	9.9	8.3
Total with 2 or more spells of unemployment[3]	41.1	39.8	36.6	37.0	39.0	37.4	38.5	36.1	33.7
2 spells	(4)	16.7	16.2	17.1	18.9	18.1	19.0	16.1	14.5
3 or more spells	(4)	22.2	20.4	19.8	20.2	19.3	19.6	19.9	19.2
Men									
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	9.7	8.6	9.0	8.7	9.2	11.5	10.3	12.9	15.1
Part-year workers[2] with unemployment	90.3	91.4	91.0	91.3	90.8	88.5	89.7	87.1	84.9
1 to 4 weeks	16.2	19.3	19.1	18.8	18.7	18.7	21.2	24.6	28.3
5 to 10 weeks	19.1	22.2	22.0	20.7	21.2	19.8	21.6	20.2	21.1
11 to 14 weeks	12.3	13.5	13.0	13.4	13.4	13.8	13.1	12.7	11.6
15 to 26 weeks	22.0	20.5	21.0	22.3	22.0	22.1	20.3	19.6	15.9
27 weeks or more	20.7	15.8	16.0	16.1	15.5	14.2	13.4	10.1	8.1
Total with 2 or more spells of unemployment[3]	43.4	41.7	39.6	39.8	42.7	40.1	42.0	40.2	37.6
2 spells	(4)	17.0	16.8	17.6	20.1	18.7	20.0	16.6	14.7
3 or more spells	(4)	24.7	22.8	22.2	22.6	21.4	22.0	23.5	22.8
Women									
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	8.8	5.7	7.3	5.7	7.0	7.2	6.9	7.9	8.6
Part-year workers[2] with unemployment	91.2	94.4	92.7	94.3	93.0	92.8	93.1	92.1	91.4
1 to 4 weeks	26.6	33.8	30.3	32.1	29.7	27.9	31.2	36.1	40.5
5 to 10 weeks	18.8	20.3	20.4	15.7	19.5	18.8	19.0	20.2	18.8
11 to 14 weeks	10.7	11.4	10.1	10.4	11.4	11.1	10.7	10.2	8.5
15 to 26 weeks	16.9	15.6	16.5	19.0	18.1	19.0	18.9	16.0	14.9
27 weeks or more	18.1	13.3	15.3	17.1	14.3	16.1	13.3	9.5	8.8
Total with 2 or more spells of unemployment[3]	35.4	32.5	30.1	31.1	31.7	32.1	32.4	29.0	27.9
2 spells	(4)	16.0	14.9	16.1	16.5	16.9	17.2	15.3	14.1
3 or more spells	(4)	16.5	15.2	15.0	15.2	15.2	15.2	13.7	13.8

See footnotes at end of table.

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Table 48. Percent distribution of unemployment during the year by sex, 1958-83—Continued

Extent of unemployment and sex	1967	1968	1969	1970	1971	1972	1973	1974	1975
TOTAL									
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	13.4	12.7	13.2	9.2	8.1	8.7	9.3	5.4	4.7
Part-year workers[2] with unemployment	86.6	87.3	86.8	90.8	91.9	91.3	90.7	94.6	95.3
1 to 4 weeks	32.6	36.0	34.2	25.7	22.9	25.7	28.9	27.4	21.2
5 to 10 weeks	20.1	19.7	20.6	21.2	19.8	19.7	20.5	22.8	18.8
11 to 14 weeks	11.4	[illegible]	10.0	13.0	12.3	11.4	11.9	11.3	12.4
15 to 26 weeks	14.7	13.0	14.6	19.2	21.5	20.4	18.5	20.6	24.0
27 weeks or more	7.8	7.3	7.5	11.7	15.4	14.0	11.0	12.6	19.0
Total with 2 or more spells of unemployment[3]	32.6	31.0	32.3	33.6	32.5	32.5	32.5	36.0	31.3
2 spells	14.6	14.6	15.1	16.3	16.1	15.8	15.6	18.7	16.7
3 or more spells	18.0	16.4	17.1	17.3	16.4	16.7	16.8	17.3	14.6
Men									
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	16.0	15.3	15.2	10.5	9.0	10.3	11.5	6.3	5.5
Part-year workers[2] with unemployment	84.0	84.7	84.8	89.5	91.0	89.7	88.5	93.7	94.5
1 to 4 weeks	27.8	31.8	29.3	21.9	20.0	21.6	23.8	23.2	17.0
5 to 10 weeks	20.9	20.6	21.8	22.1	20.4	20.8	21.2	23.6	18.6
11 to 14 weeks	12.1	11.0	11.0	13.7	12.7	12.3	12.6	12.0	13.1
15 to 26 weeks	15.6	14.8	15.4	20.0	22.6	21.3	20.3	22.0	26.7
27 weeks or more	7.4	6.6	7.2	11.8	15.1	13.7	10.6	13.0	19.3
Total with 2 or more spells of unemployment[3]	35.6	34.2	35.7	36.7	35.2	34.9	35.6	40.6	34.0
2 spells	14.5	15.3	15.8	17.4	17.0	16.4	15.8	20.4	17.3
3 or more spells	21.1	18.9	19.8	19.3	18.2	18.5	19.8	20.3	16.6
Women									
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	9.4	9.2	10.2	7.0	6.5	6.3	6.3	4.1	3.7
Part-year workers[2] with unemployment	90.6	90.8	89.8	93.0	93.5	93.6	93.7	95.9	96.3
1 to 4 weeks	39.8	42.0	41.4	31.8	27.5	32.0	35.7	33.2	27.1
5 to 10 weeks	18.8	18.5	18.7	19.8	18.7	18.0	19.5	21.6	19.1
11 to 14 weeks	10.3	9.3	8.4	11.8	11.7	10.0	11.0	10.5	11.7
15 to 26 weeks	13.4	12.8	13.3	18.0	19.7	19.0	16.0	18.6	19.8
27 weeks or more	8.3	8.2	8.0	11.5	15.9	14.6	11.5	12.0	18.7
Total with 2 or more spells of unemployment[3]	27.9	26.5	27.3	28.5	28.0	28.9	28.1	29.7	27.5
2 spells	14.7	13.6	14.2	14.5	14.6	15.0	15.4	16.6	15.9
3 or more spells	13.2	12.8	13.1	14.0	13.5	13.9	12.8	13.1	11.6

See footnotes at end of table.

Table 48. Percent distribution of unemployment during the year by sex, 1958-83—Continued

Extent of unemployment and sex	1976	1977	1978	1979	1980	1981	1982	1983
TOTAL								
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	4.2	3.8	4.3	5.2	4.9	5.7	5.1	4.6
Part-year workers[2] with unemployment	95.8	96.2	95.7	94.8	95.1	94.3	94.9	95.4
1 to 4 weeks	22.1	24.8	26.0	25.9	20.8	19.5	15.5	16.9
5 to 10 weeks	19.9	21.2	21.8	21.5	20.1	19.7	18.6	18.1
11 to 14 weeks	12.9	12.6	13.9	14.2	13.0	13.7	12.5	12.8
15 to 26 weeks	22.8	21.9	20.7	20.5	23.4	24.1	26.0	25.0
27 weeks or more	18.3	15.9	13.5	12.8	17.8	17.4	22.4	22.4
Total with 2 or more spells of unemployment[3]	32.7	32.6	32.5	32.2	31.7	34.0	33.6	32.4
2 spells	16.9	17.2	17.0	17.0	16.8	18.3	17.1	16.6
3 or more spells	15.8	15.4	15.5	15.2	14.9	15.8	16.5	15.8
Men								
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	4.7	4.3	5.0	6.4	6.1	6.1	5.5	5.1
Part-year workers[2] with unemployment	95.3	95.7	95.0	93.6	93.9	93.9	94.5	94.9
1 to 4 weeks	18.2	20.5	20.8	21.2	16.6	16.6	12.7	14.2
5 to 10 weeks	20.1	21.5	22.7	22.4	20.1	19.1	17.4	17.1
11 to 14 weeks	12.9	13.7	15.1	15.0	13.6	13.9	12.6	13.1
15 to 26 weeks	24.1	24.3	22.2	21.6	25.1	25.5	28.7	26.7
27 weeks or more	20.0	15.8	14.3	13.4	18.5	18.8	23.1	23.8
Total with 2 or more spells of unemployment[3]	36.6	36.2	35.0	35.7	34.5	37.3	36.0	35.2
2 spells	18.4	18.7	17.7	18.1	17.6	19.4	17.7	17.2
3 or more spells	18.2	17.5	17.3	17.6	16.9	17.9	18.3	18.1
Women								
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers[1] with 1 or 2 weeks of unemployment	3.5	3.2	3.4	3.6	3.3	5.1	4.6	3.9
Part-year workers[2] with unemployment	96.5	96.8	96.6	96.4	96.7	94.9	95.4	96.1
1 to 4 weeks	27.2	30.4	32.4	32.0	26.7	23.5	19.7	21.3
5 to 10 weeks	19.6	20.7	20.6	20.3	20.1	20.5	20.4	19.8
11 to 14 weeks	13.0	11.1	12.4	13.1	12.3	13.5	12.2	12.4
15 to 26 weeks	20.8	18.5	18.7	19.0	21.0	22.1	22.0	22.4
27 weeks or more	15.9	16.0	12.5	12.0	16.7	15.3	21.2	20.2
Total with 2 or more spells of unemployment[3]	27.5	27.9	29.4	27.7	27.7	29.4	29.9	28.8
2 spells	15.0	15.2	16.2	15.6	15.6	16.7	16.1	15.8
3 or more spells	12.5	12.7	13.2	12.1	12.1	12.8	13.8	12.2

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[1] Worked 50 weeks or more.

[2] Worked less than 50 weeks.

[3] Each continuous period of unemployment of at least 1 week's duration is considered one spell of unemployment. The number of weeks of unemployment during the year represents the total number of weeks accumulated in all spells of unemployment during which a person looked for work and did not work at all.

[4] Not available.

NOTE: Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.

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Table 49. Persons with work experience during the year by industry and class of worker in the job held the longest, 1958-83

(In thousands)

Industry and class of worker	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total	77,117	78,162	80,618	80,287	82,057	83,227	85,124	86,186	86,266
Agriculture	8,291	7,924	7,902	7,502	7,179	6,796	7,051	6,348	5,021
Wage and salary workers	2,771	2,752	2,667	2,780	2,794	2,725	2,695	2,622	2,079
Self-employed workers	3,141	2,992	3,012	2,836	2,601	2,396	2,496	2,442	2,098
Unpaid family workers	2,379	2,180	2,223	1,886	1,784	1,675	1,860	1,284	344
Nonagricultural industries	68,826	70,238	72,716	72,785	74,878	76,431	78,073	79,838	81,245
Wage and salary workers	61,077	62,439	64,549	64,534	67,006	68,444	70,331	72,492	75,038
Mining	650	684	626	673	639	569	587	573	602
Construction	4,277	4,099	4,042	4,096	4,235	4,216	4,501	4,556	4,538
Manufacturing	17,864	18,941	18,815	18,255	19,533	20,076	20,364	21,297	22,248
Durable goods	10,034	10,522	10,532	10,043	10,934	11,285	11,475	11,928	12,788
Lumber and wood products	658	608	536	550	574	613	636	614	651
Furniture and fixtures	394	427	383	389	458	470	460	528	492
Stone, clay, and glass products	505	508	596	531	576	562	632	720	710
Primary metal industries	1,123	1,294	1,260	1,098	1,168	1,308	1,334	1,385	1,409
Fabricated metal products	1,195	1,185	1,189	1,409	1,527	1,635	1,533	1,455	1,648
Machinery, except electrical	1,575	1,661	1,765	1,719	1,840	1,775	1,973	2,014	2,223
Electrical equipment	1,278	1,509	1,524	1,588	1,814	1,799	1,670	1,917	2,142
Transportation equipment	2,364	2,424	2,303	1,759	1,960	2,077	2,139	2,280	2,412
Automobiles	1,033	1,050	1,018	881	928	949	1,005	1,085	1,133
Other transportation equipment	1,331	1,374	1,284	878	1,032	1,128	1,134	1,195	1,279
Other durable goods	942	908	976	1,000	1,017	1,046	1,098	1,015	1,101
Nondurable goods	7,830	8,419	8,283	8,212	8,599	8,791	8,889	9,369	9,460
Food and kindred products	1,697	1,892	1,909	2,028	2,133	2,117	2,093	2,134	2,122
Textile mill products	1,088	1,135	1,064	911	959	1,082	1,109	1,169	1,158
Apparel and related products	1,288	1,414	1,378	1,327	1,487	1,466	1,558	1,625	1,639
Printing and publishing	1,238	1,256	1,307	1,289	1,332	1,387	1,258	1,458	1,318
Chemicals and allied products	964	964	882	984	949	1,004	1,063	1,014	1,213
Other nondurable goods	1,555	1,758	1,743	1,673	1,739	1,735	1,808	1,969	2,010
Transportation and public utilities	4,657	4,865	4,768	4,518	4,711	4,916	4,843	4,856	4,993
Transportation	2,810	2,830	2,739	2,515	2,742	2,830	2,812	2,706	2,763
Communications and other public utilities	1,847	2,035	2,028	2,003	1,969	2,086	2,031	2,150	2,230
Wholesale and retail trade	12,638	12,525	13,040	13,033	13,462	13,462	14,012	14,293	15,027
Wholesale trade	2,381	2,394	2,482	2,458	2,337	2,260	2,388	2,586	2,551
Retail trade	10,257	10,131	10,558	10,575	11,125	11,098	11,624	11,707	12,476
Finance and services	17,648	17,912	19,586	20,233	20,508	21,266	21,988	22,893	23,242
Finance, insurance, and real estate	2,568	2,797	3,271	3,081	3,052	3,264	3,331	3,476	3,606
Business and repair services	1,359	1,390	1,468	1,471	1,646	1,647	1,667	1,746	1,783
Private households	3,507	3,522	3,692	3,964	3,916	3,772	3,849	3,847	2,949
Personal services, excluding private households	1,913	1,794	2,058	2,145	1,895	2,018	2,173	2,146	2,093
Entertainment and recreation services	792	701	759	852	795	848	768	807	875
Medical and other health services	2,445	2,686	2,878	2,915	3,092	3,287	3,393	3,608	3,958
Welfare and religious services	717	609	729	736	783	790	825	754	814
Educational services	3,432	3,443	3,781	4,101	4,325	4,556	4,808	5,318	5,952
Other professional services	797	865	964	861	883	969	1,058	1,077	1,112
Forestry and fisheries	118	105	85	107	121	115	116	114	100
Public administration	3,343	3,413	3,671	3,726	3,918	4,043	4,036	4,024	4,388
Self-employed workers	6,672	6,748	6,971	7,170	6,782	6,790	6,615	6,640	5,590
Unpaid family workers	1,077	1,051	1,196	1,081	1,090	1,197	1,128	706	617

See Note at end of table.

Table 49. Persons with work experience during the year by industry and class of worker in the job held the longest, 1958-83—Continued

(In thousands)

Industry and class of worker	1967	1968	1969	1970	1971	1972	1973	1974	1975
Total	88,179	90,230	92,477	93,850	95,481	97,654	101,112	102,608	102,603
Agriculture	5,184	4,936	4,722	4,774	4,883	4,743	4,753	4,251	4,188
Wage and salary workers	2,150	2,034	1,907	1,907	2,001	1,955	1,994	1,951	2,078
Self-employed workers	2,083	2,036	2,051	2,028	2,019	2,112	2,037	1,792	1,634
Unpaid family workers	951	866	764	839	863	676	723	508	474
Nonagricultural industries	82,995	85,294	87,755	89,076	90,598	92,911	96,359	98,357	98,415
Wage and salary workers	76,629	78,737	81,322	82,555	84,026	87,303	89,788	92,069	92,016
Mining	560	548	544	575	623	722	685	759	768
Construction	4,519	4,675	4,949	4,985	5,472	5,325	5,759	5,632	5,253
Manufacturing	22,532	22,819	23,640	22,580	22,033	22,501	23,270	23,514	22,334
Durable goods	13,086	13,258	13,955	13,130	12,523	12,923	13,495	13,805	13,172
Lumber and wood products	839	637	635	656	715	674	721	787	740
Furniture and fixtures	454	472	534	532	496	593	591	614	561
Stone, clay, and glass products	689	720	758	746	717	708	704	766	713
Primary metal industries	1,329	1,403	1,483	1,369	1,395	1,463	1,469	1,475	1,477
Fabricated metal products	1,751	1,768	1,900	1,514	1,435	1,558	1,649	1,682	1,602
Machinery, except electrical	2,358	2,352	2,584	2,381	2,145	2,208	2,354	2,492	2,513
Electrical equipment	2,261	2,197	2,311	2,275	2,103	2,199	2,379	2,281	2,168
Transportation equipment	2,482	2,647	2,666	2,427	2,179	2,194	2,256	2,243	2,054
Automobiles	1,070	1,186	1,206	1,111	1,074	1,095	1,134	1,123	991
Other transportation equipment	1,412	1,461	1,460	1,316	1,105	1,099	1,122	1,120	1,062
Other durable goods	1,123	1,062	1,084	1,230	1,339	1,328	1,374	1,469	1,343
Nondurable goods	9,446	9,561	9,685	9,450	9,510	9,577	9,774	9,709	9,164
Food and kindred products	2,162	2,134	2,130	1,921	2,186	2,202	2,085	2,161	1,982
Textile mill products	1,165	2,224	1,333	1,040	1,073	1,071	1,148	973	996
Apparel and related products	1,517	1,523	1,585	1,675	1,633	1,552	1,663	1,646	1,573
Printing and publishing	1,226	1,236	1,246	1,372	1,333	1,391	1,346	1,406	1,331
Chemicals and allied products	1,223	1,201	2,294	1,263	1,178	1,169	1,251	1,325	1,252
Other nondurable goods	2,153	2,243	2,297	2,180	2,107	2,194	2,283	2,202	2,030
Transportation and public utilities	5,327	5,312	5,402	5,651	5,832	5,614	5,925	5,878	6,011
Transportation	3,004	2,940	3,009	3,071	3,269	3,084	3,271	3,369	3,379
Communications and other public utilities	2,323	2,372	2,393	2,581	2,562	2,532	2,655	2,512	2,631
Wholesale and retail trade	15,307	15,319	15,813	16,837	17,431	18,349	19,104	19,871	20,092
Wholesale trade	2,672	2,623	2,629	3,060	3,066	3,453	3,342	3,515	3,539
Retail trade	12,635	21,696	13,184	13,776	14,365	14,895	15,762	16,356	16,553
Finance and services	23,875	25,076	25,952	27,134	27,907	28,822	30,023	31,170	31,918
Finance, insurance, and real estate	3,605	3,687	4,044	4,158	4,377	4,522	4,853	4,961	4,819
Business and repair services	1,944	2,057	2,192	2,234	2,368	2,610	2,703	2,754	2,733
Private households	2,756	2,755	2,572	2,493	2,356	2,068	2,064	1,896	1,891
Personal services, excluding private households	2,226	2,281	2,254	2,200	2,069	2,076	2,135	2,193	2,130
Entertainment and recreation services	932	915	885	948	895	1,015	1,090	1,082	1,205
Medical and other health services	3,985	4,517	4,701	5,001	5,328	5,587	6,026	6,383	6,689
Welfare and religious services	806	915	909	1,126	1,129	1,222	1,285	1,376	1,479
Educational services	6,349	6,656	7,042	7,414	7,675	8,015	8,100	8,623	8,833
Other professional services	1,172	1,210	1,228	1,441	1,617	1,595	1,664	1,805	2,025
Forestry and fisheries	100	83	125	110	92	110	101	97	114
Public administration	4,509	4,988	5,022	4,794	4,729	4,971	5,022	5,246	5,639
Self-employed workers	5,333	5,533	5,454	5,577	5,577	5,722	5,661	5,660	5,795
Unpaid family workers	1,033	1,024	979	944	945	885	909	628	605

See Note at end of table.

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Table 49. Persons with work experience during the year by industry and class of worker in the job held the longest, 1958-83—Continued

(In thousands)

Industry and class of worker	1976	1977	1978	1979	1980	1981	1982	1983
Total	105,809	108,914	112,335	114,993	115,752	116,794	116,277	117,718
Agriculture	4,319	4,206	3,806	3,923	3,792	3,915	4,011	3,926
Wage and salary workers	2,112	2,083	1,872	1,978	1,923	2,054	2,187	2,209
Self-employed workers	1,652	1,559	1,521	1,617	1,504	1,551	1,536	1,509
Unpaid family workers	555	564	414	328	365	310	287	209
Nonagricultural industries	101,490	104,707	108,529	111,070	111,959	112,880	112,266	113,792
Wage and salary workers	94,511	97,329	101,165	103,402	104,419	104,902	104,236	105,739
Mining	771	831	932	897	1,054	1,206	1,226	1,016
Construction	5,419	5,669	6,117	6,376	6,114	6,107	5,985	6,444
Manufacturing	22,879	23,142	24,379	24,563	24,359	23,788	22,777	22,147
Durable goods	13,097	13,482	14,634	14,709	14,566	14,081	13,405	12,822
Lumber and wood products	689	746	789	738	679	740	710	724
Furniture and fixtures	612	608	694	604	607	542	488	517
Stone, clay, and glass products	694	701	747	740	726	657	620	583
Primary metal industries	1,454	1,320	1,292	1,435	1,279	1,158	1,046	897
Fabricated metal products	1,490	1,557	1,626	1,649	1,651	1,704	1,607	1,453
Machinery, except electrical	2,408	2,543	2,823	2,964	3,129	3,011	2,897	2,661
Electrical equipment	2,150	2,323	2,555	2,617	2,663	2,618	2,305	2,306
Transportation equipment	2,221	2,250	2,580	2,447	2,311	2,228	2,466	2,472
Automobiles	1,119	1,189	1,403	1,314	1,213	1,079	1,113	1,122
Other transportation equipment	1,091	1,061	1,177	1,133	1,098	1,149	1,353	1,350
Other durable goods	1,380	1,435	1,531	1,516	1,520	1,423	1,266	1,211
Nondurable goods	9,783	9,660	9,745	9,854	9,794	9,706	9,372	9,325
Food and kindred products	2,126	2,064	2,076	2,081	2,095	2,069	1,946	1,861
Textile mill products	1,158	1,012	894	854	824	838	850	913
Apparel and related products	1,554	1,638	1,595	1,513	1,492	1,460	1,332	1,476
Printing and publishing	1,440	1,487	1,609	1,665	1,726	1,814	1,796	1,808
Chemicals and allied products	1,327	1,267	1,331	1,421	1,449	1,282	1,307	1,203
Other nondurable goods	2,179	2,194	2,242	2,321	2,206	2,244	2,141	2,065
Transportation and public utilities	5,973	6,282	6,429	6,619	6,744	6,708	7,220	7,499
Transportation	3,373	3,572	3,637	3,737	3,724	3,630	4,131	4,199
Communications and other public utilities	2,601	2,713	2,794	2,883	3,021	3,078	3,089	3,301
Wholesale and retail trade	20,793	21,407	21,952	22,377	22,441	23,121	22,819	23,307
Wholesale trade	3,688	3,761	3,761	3,912	4,084	4,590	4,500	4,352
Retail trade	17,105	17,646	18,190	18,465	18,357	18,531	18,319	18,955
Finance and services	33,061	34,241	35,560	36,512	37,500	38,061	38,971	39,919
Finance, insurance, and real estate	5,012	5,332	5,743	5,890	6,188	6,238	6,223	6,559
Business and repair services	3,069	3,278	3,490	3,603	3,953	4,110	4,575	4,887
Private households	1,862	1,823	1,736	1,463	1,614	1,701	1,662	1,703
Personal services, excluding private households	2,162	2,255	2,278	2,219	2,300	2,254	2,497	2,468
Entertainment and recreation services	1,235	1,299	1,264	1,254	1,377	1,330	1,417	1,487
Medical and other health services	6,775	7,112	7,319	7,998	8,204	8,377	8,342	8,193
Welfare and religious services	1,603	1,688	1,910	1,889	1,909	1,815	1,547	1,725
Educational services	9,010	9,032	9,220	9,649	9,245	9,277	9,153	9,516
Other professional services	2,163	2,260	2,401	2,384	2,562	2,774	3,363	3,191
Forestry and fisheries	187	162	196	163	148	186	192	189
Public administration	5,595	5,755	5,797	6,057	6,208	5,911	5,238	5,407
Self-employed workers	6,077	6,496	6,603	7,068	7,009	7,378	7,548	7,668
Unpaid family workers	902	880	761	599	532	599	482	384

NOTE: Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years. Data for 1982-83 are not strictly comparable with data for earlier years because of revisions in industrial classifications beginning in 1982.

Table 50. Employment status of the population by marital status and sex, March 1947-84

[Numbers in thousands]

Marital status and year	Men						Women					
	Population	Labor force					Population	Labor force				
		Total		Employed	Unemployed			Total		Employed	Unemployed	
		Number	Percent of population		Number	Percent of labor force		Number	Percent of population		Number	Percent of labor force
SINGLE												
1947	14,760	9,375	63.5	8,500	849	9.1	12,078	6,181	51.2	5,991	190	3.1
1948	14,734	9,440	64.1	8,699	(1)	(1)	11,623	5,943	51.1	5,697	246	4.1
1949	13,952	8,957	64.2	8,048	863	9.6	11,174	5,682	50.9	5,395	287	5.1
1950	14,212	8,898	62.6	7,638	1,188	13.4	11,126	5,621	50.5	5,272	349	6.2
1951	12,984	8,036	61.9	7,550	427	5.3	10,946	5,430	49.8	5,228	202	3.7
1952	12,868	7,836	60.9	7,254	444	5.7	11,068	5,532	50.0	5,360	168	3.0
1953	13,000	7,825	60.2	7,347	390	5.0	10,774	5,223	48.5	5,089	130	2.5
1954	13,004	7,924	60.9	7,099	697	8.8	11,043	5,412	49.0	5,095	317	5.9
1955	13,522	8,276	61.2	7,495	653	7.9	10,962	5,087	46.4	4,865	222	4.4
1956	13,516	8,086	59.8	7,400	625	7.7	11,126	5,167	46.4	4,919	248	4.8
1957	13,754	7,958	57.9	7,166	716	9.0	11,487	5,378	46.8	5,139	239	4.4
1958	14,331	8,174	57.0	6,959	1,122	13.7	11,822	5,365	45.4	5,078	287	5.3
1959	14,768	8,416	57.0	7,263	1,083	12.9	11,884	5,162	43.4	4,832	330	6.4
1960	15,274	8,473	55.5	7,327	1,067	12.6	12,252	5,401	44.1	5,079	322	6.0
1961	15,886	8,837	55.6	7,533	1,246	14.1	12,764	5,663	44.4	5,235	423	7.6
1962	15,708	8,121	51.7	7,134	922	11.4	13,134	5,481	41.7	5,096	385	7.0
1963	16,361	8,267	50.5	7,059	1,124	13.6	13,692	5,614	41.0	5,218	396	7.1
1964	16,968	8,617	50.8	7,428	1,085	12.6	14,132	5,781	40.9	5,366	415	7.2
1965	17,338	8,719	50.3	7,765	898	10.3	14,607	5,912	40.5	5,491	421	7.1
1966	17,684	8,781	49.7	7,914	799	9.1	14,981	6,106	40.8	5,729	377	6.2
1967	13,987	8,350	59.7	7,553	654	7.8	11,664	5,915	50.7	5,566	349	5.9
1968	14,596	8,695	59.6	7,816	707	8.1	12,381	6,357	51.3	5,944	413	6.5
1969	14,890	8,797	59.1	8,000	675	7.7	12,689	6,501	51.2	6,093	408	6.3
1970	15,722	9,545	60.7	8,552	869	9.1	13,141	6,965	53.0	6,473	492	7.1
1971	16,614	10,009	60.2	8,540	1,324	13.2	13,678	7,220	52.8	6,514	706	9.8
1972	16,707	10,784	64.5	9,131	1,504	13.9	13,702	7,543	55.0	6,793	751	10.0
1973	16,993	11,239	66.1	9,903	1,247	11.1	14,017	7,838	55.9	7,119	719	9.2
1974	17,770	11,919	67.1	10,476	1,337	11.2	14,573	8,362	57.4	7,586	777	9.3
1975	18,597	12,474	67.1	10,288	2,064	16.5	15,085	8,599	57.0	7,514	1,085	12.6
1976	19,224	12,826	66.7	10,772	1,968	15.3	15,684	9,282	59.2	8,182	1,100	11.9
1977	20,023	13,606	68.0	11,410	2,093	15.4	16,399	9,702	59.2	8,521	1,182	12.2
1978	20,825	14,424	69.3	12,439	1,903	13.2	17,258	10,487	60.7	9,303	1,185	11.3
1979	21,710	15,416	71.0	13,392	1,912	12.5	17,977	11,304	62.9	10,178	1,127	10.0
1980	22,191	15,705	70.8	13,540	2,049	13.1	18,273	11,242	61.5	10,087	1,156	10.3
1981	22,490	15,916	70.8	13,302	2,477	15.7	18,674	11,628	62.3	10,291	1,337	11.5
1982	23,063	16,278	70.6	13,133	3,028	18.7	18,980	11,801	62.2	10,325	1,476	12.5
1983	23,672	16,578	70.0	13,203	3,265	19.8	19,617	12,282	62.6	10,620	1,661	13.5
1984	24,203	17,108	70.7	14,375	2,621	15.4	19,820	12,552	63.3	11,187	1,365	10.9

See footnotes at end of table.

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Table 50. Employment status of the population by marital status and sex, March 1947-84—Continued

(Numbers in thousands)

Marital status and year	Men						Women					
	Population	Labor force					Population	Labor force				
		Total		Employed	Unemployed			Total		Employed	Unemployed	
		Number	Percent of population		Number	Percent of labor force		Number	Percent of population		Number	Percent of labor force
MARRIED, SPOUSE PRESENT												
1947	33,389	30,927	92.6	29,865	837	2.7	33,458	6,676	20.0	6,502	174	2.6
1948	34,289	31,713	92.5	30,563	(1)	(1)	34,289	7,553	22.0	7,369	184	2.4
1949	35,323	32,559	92.2	31,101	1,115	3.4	35,323	7,959	22.5	7,636	322	4.0
1950	35,925	32,912	91.6	30,938	1,503	4.6	35,925	8,550	23.8	8,038	512	6.0
1951	35,998	32,998	91.7	31,968	480	1.5	35,998	9,086	25.2	8,750	336	3.7
1952	36,510	33,482	91.7	32,222	464	1.4	36,510	9,222	25.3	8,946	266	2.9
1953	37,106	33,950	91.5	32,540	564	1.7	37,106	9,763	26.3	9,525	236	2.4
1954	37,346	34,153	91.5	32,139	1,328	3.9	37,346	9,923	26.6	9,388	535	5.4
1955	37,570	34,064	90.7	32,207	1,171	3.4	37,570	10,423	27.7	10,021	402	3.9
1956	38,306	34,855	91.0	33,046	1,016	2.9	38,306	11,126	29.0	10,676	450	4.0
1957	38,940	35,280	90.6	33,536	1,024	2.9	38,940	11,529	29.6	11,036	493	4.3
1958	39,182	35,327	90.2	32,283	2,267	6.4	39,182	11,826	30.2	10,993	833	7.0
1959	39,529	35,437	89.6	32,928	1,583	4.5	39,529	12,205	30.9	11,516	689	5.6
1960	40,205	35,757	88.9	33,179	1,564	4.4	40,205	12,253	30.5	11,587	666	5.4
1961	40,524	36,201	89.3	33,080	2,137	5.9	40,524	13,266	32.7	12,337	929	7.0
1962	41,218	36,396	88.3	33,883	1,605	4.4	41,218	13,485	32.7	12,716	769	5.7
1963	41,705	36,740	88.1	34,305	1,567	4.3	41,705	14,061	33.7	13,303	758	5.4
1964	42,045	36,898	87.8	34,667	1,310	3.6	42,045	14,461	34.4	13,626	835	5.8
1965	42,367	37,140	87.7	35,185	1,088	2.9	42,367	14,708	34.7	13,959	749	5.1
1966	42,826	37,346	87.2	35,685	888	2.4	42,826	15,178	35.4	14,623	555	3.7
1967	43,225	37,588	87.0	35,963	790	2.1	43,225	15,908	36.8	15,189	719	4.5
1968	43,947	38,225	87.0	36,552	787	2.1	43,947	16,821	38.3	16,199	622	3.7
1969	44,440	38,623	86.9	37,065	662	1.7	44,440	17,595	39.6	16,947	648	3.7
1970	45,055	39,138	86.9	37,103	1,020	2.6	45,055	18,377	40.8	17,497	880	4.8
1971	45,538	39,130	85.9	36,686	1,444	3.7	45,538	18,573	40.8	17,484	1,089	5.9
1972	46,590	39,798	85.4	37,443	1,331	3.3	46,590	19,336	41.5	18,295	1,041	5.4
1973	47,224	39,997	84.7	38,020	1,118	2.8	47,224	19,951	42.2	19,025	926	4.6
1974	47,704	40,005	83.9	37,945	1,135	2.8	47,704	20,541	43.1	19,562	979	4.8
1975	48,124	39,968	83.0	36,639	2,390	6.0	48,098	21,360	44.4	19,538	1,823	8.5
1976	48,434	39,875	82.3	37,132	1,955	4.9	48,421	21,814	45.1	20,258	1,556	7.1
1977	48,666	39,994	82.2	37,450	1,735	4.3	48,648	22,681	46.6	21,128	1,554	6.9
1978	48,679	39,811	81.8	37,647	1,409	3.5	48,665	23,136	47.5	21,927	1,210	5.2
1979	49,109	40,065	81.6	38,109	1,266	3.2	49,093	24,223	49.3	22,972	1,252	5.2
1980	49,714	40,358	81.2	38,038	1,610	4.1	49,699	24,900	50.1	23,590	1,311	5.3
1981	49,896	40,293	80.8	37,739	1,936	4.9	49,883	25,460	51.0	23,995	1,465	5.8
1982	50,293	40,164	79.9	36,986	2,516	6.4	50,281	25,756	51.2	23,928	1,828	7.1
1983	50,665	40,276	79.5	36,371	3,218	8.1	50,659	26,227	51.8	24,335	1,893	7.2
1984	50,864	40,268	79.2	37,428	2,134	5.4	50,856	26,861	52.8	25,323	1,537	5.7

See footnotes at end of table.

Table 50. Employment status of the population by marital status and sex, March 1947-84—Continued

(Numbers in thousands)

Marital status and year	Men						Women					
	Population	Labor force					Population	Labor force				
		Total		Employed	Unemployed			Total		Employed	Unemployed	
		Number	Percent of population		Number	Percent of labor force		Number	Percent of population		Number	Percent of labor force
WIDOWED, DIVORCED, OR SEPARATED												
1947	4,201	2,760	65.7	2,546	211	7.6	9,270	3,466	37.4	3,309	157	4.5
1948	4,204	2,689	64.0	2,539	(1)	(1)	9,452	3,659	38.7	3,463	196	5.4
1949	4,174	2,545	61.0	2,314	227	8.9	9,505	3,526	37.1	3,324	202	5.7
1950	4,149	2,616	63.1	2,301	311	11.9	9,584	3,624	37.8	3,364	260	7.2
1951	4,438	2,754	62.1	2,616	121	4.4	10,410	4,086	39.2	3,910	176	4.3
1952	4,186	2,602	62.2	2,422	140	5.4	10,456	4,058	38.8	3,928	130	3.2
1953	4,678	3,060	65.4	2,870	150	4.9	11,060	4,319	39.0	4,205	112	2.6
1954	4,947	3,081	62.3	2,755	318	10.3	11,153	4,391	39.4	4,120	269	6.1
1955	4,902	2,976	60.7	2,699	269	9.0	11,718	4,643	39.6	4,398	245	5.3
1956	4,922	3,001	61.0	2,737	246	8.2	11,543	4,549	39.4	4,300	249	5.5
1957	4,776	2,795	58.5	2,571	211	7.5	11,436	4,617	40.4	4,417	200	4.3
1958	4,949	2,903	58.7	2,524	354	12.2	11,780	4,810	40.8	4,474	336	7.0
1959	4,961	2,967	59.8	2,651	305	10.3	12,148	5,009	41.2	4,637	372	7.4
1960	4,794	2,845	59.3	2,542	279	9.8	12,150	4,861	40.0	4,553	308	6.2
1961	4,828	2,829	58.6	2,490	326	11.5	12,559	5,270	42.0	4,841	429	8.1
1962	5,203	2,989	57.4	2,629	355	11.9	12,814	5,012	39.1	4,681	331	6.6
1963	5,174	2,932	56.7	2,598	322	11.0	12,995	5,000	38.5	4,665	335	6.7
1964	5,205	2,933	56.3	2,635	286	9.8	13,326	5,157	38.7	4,794	363	7.0
1965	5,438	3,032	55.8	2,724	297	9.8	13,717	5,332	38.9	5,044	288	5.4
1966	5,278	2,959	56.1	2,794	160	5.4	14,021	5,536	39.5	5,278	258	4.7
1967	5,512	3,025	54.9	2,817	190	6.3	14,521	5,722	39.4	5,471	251	4.4
1968	5,278	2,816	53.4	2,682	124	4.4	14,351	5,600	39.0	5,325	275	4.9
1969	5,501	2,977	54.1	2,842	124	4.2	14,791	5,802	39.2	5,573	229	3.9
1970	5,416	2,938	54.2	2,724	192	6.5	15,065	5,891	39.1	5,611	280	4.8
1971	5,695	3,129	54.9	2,847	260	8.3	15,553	5,985	38.5	5,601	384	6.4
1972	5,312	3,322	62.5	3,017	279	8.4	15,593	6,254	40.1	5,876	378	6.0
1973	5,640	3,514	62.3	3,256	218	6.2	16,177	6,406	39.6	6,033	372	5.8
1974	5,968	3,915	65.6	3,635	239	6.1	16,611	6,805	41.0	6,388	417	6.1
1975	6,198	4,036	65.1	3,436	564	14.0	17,218	7,022	40.8	6,398	625	8.9
1976	6,614	4,163	62.9	3,589	514	12.3	17,863	7,304	40.9	6,675	629	8.6
1977	7,032	4,568	65.0	3,990	510	11.2	18,335	7,670	41.8	6,976	695	9.1
1978	7,534	5,040	66.9	4,537	440	8.7	18,963	8,124	42.8	7,543	580	7.1
1979	7,593	5,004	65.9	4,588	366	7.3	19,319	8,318	43.1	7,759	558	6.7
1980	7,999	5,340	66.8	4,835	442	8.4	19,967	8,792	44.0	8,225	567	6.4
1981	8,624	5,913	68.6	5,307	545	9.3	20,702	9,327	45.1	8,600	727	7.8
1982	8,745	6,094	69.7	5,196	809	13.5	21,174	9,538	45.0	8,642	896	9.4
1983	8,804	6,063	68.9	5,064	914	15.3	21,119	9,270	43.9	8,210	1,060	11.4
1984	9,149	6,237	68.2	5,514	661	10.7	21,810	9,797	44.9	8,904	894	9.1

[1] Not available.

NOTE: Data refer to the civilian population (including institutional) 14 years and over for 1947-66; 16 years and over beginning with 1967. Beginning with 1972, data refer to the civilian noninstitutional population. Male members of the Armed Forces living off post or with their families on post are included in the male population and labor force figures. Data for the years 1947-49 and 1951-55 were collected in April.

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Table 51. Employment status of widowed, divorced, or separated persons by sex, March 1970-84

(Numbers in thousands)

Marital status and year	Men						Women					
	Population	Labor force					Population	Labor force				
		Total		Employed	Unemployed			Total		Employed	Unemployed	
		Number	Percent of population		Number	Percent of labor force		Number	Percent of population		Number	Percent of labor force
WIDOWED												
1970	2,110	673	31.9	624	48	7.1	9,640	2,542	26.4	2,463	79	3.1
1971	1,996	572	28.7	551	21	3.7	9,816	2,522	25.7	2,429	93	3.7
1972	1,835	595	32.4	567	27	4.5	9,657	2,582	26.7	2,501	82	3.2
1973	1,926	603	31.3	582	20	3.3	9,938	2,503	25.2	2,413	90	3.6
1974	1,856	637	34.3	613	24	3.8	9,926	2,459	24.8	2,344	115	4.7
1975	1,789	601	33.6	543	57	9.5	10,126	2,416	23.9	2,285	131	5.4
1976	1,796	531	29.6	481	50	9.4	10,187	2,270	22.3	2,135	136	6.0
1977	1,891	562	29.7	518	45	8.0	10,219	2,294	22.4	2,152	142	6.2
1978	1,865	559	30.0	524	32	5.7	10,370	2,319	22.4	2,209	109	4.7
1979	1,950	558	28.6	535	23	4.1	10,701	2,414	22.6	2,292	122	5.1
1980	1,977	554	28.0	530	22	4.0	10,758	2,421	22.5	2,328	93	3.8
1981	1,949	544	27.9	510	33	6.1	10,845	2,416	22.3	2,276	139	5.8
1982	1,861	519	27.9	457	61	11.9	10,796	2,287	21.2	2,152	135	5.9
1983	1,938	515	26.6	467	47	9.2	10,895	2,161	19.8	1,995	166	7.7
1984	2,073	520	25.1	454	64	12.4	11,079	2,260	20.4	2,120	140	6.2
DIVORCED												
1970	1,577	1,200	76.1	1,117	74	6.2	2,695	1,927	71.5	1,823	104	5.4
1971	1,835	1,318	71.8	1,194	117	8.9	2,842	2,002	70.4	1,861	141	7.0
1972	1,792	1,419	79.2	1,281	126	8.9	3,081	2,162	70.2	2,039	123	5.7
1973	1,980	1,541	77.8	1,423	108	7.0	3,315	2,367	71.4	2,242	125	5.3
1974	2,357	1,873	79.5	1,734	128	6.8	3,681	2,685	72.9	2,556	130	4.8
1975	2,569	1,973	76.8	1,683	275	13.9	4,061	2,929	72.1	2,679	251	8.6
1976	2,816	2,163	76.8	1,880	269	12.4	4,486	3,204	71.4	2,964	241	7.5
1977	3,211	2,528	78.7	2,226	277	11.0	4,954	3,628	73.2	3,319	310	8.5
1978	3,428	2,745	80.1	2,492	227	8.3	5,361	3,965	74.0	3,695	271	6.8
1979	3,522	2,821	80.1	2,591	207	7.3	5,476	4,053	74.0	3,801	252	6.2
1980	3,928	3,125	79.6	2,811	296	9.2	5,966	4,443	74.5	4,160	283	6.4
1981	4,393	3,561	81.1	3,187	345	9.8	6,445	4,835	75.0	4,508	328	6.8
1982	4,605	3,761	81.7	3,247	471	12.7	6,899	5,164	74.9	4,705	459	8.9
1983	4,624	3,773	81.6	3,192	553	14.8	6,966	5,196	74.6	4,667	529	10.2
1984	4,892	4,052	82.8	3,631	395	9.8	7,418	5,514	74.3	5,041	473	8.6
SEPARATED												
1970	1,729	1,065	61.6	983	70	6.6	2,730	1,422	52.1	1,325	97	6.8
1971	1,865	1,239	66.4	1,102	122	9.8	2,895	1,461	50.5	1,311	150	10.2
1972	1,685	1,307	77.6	1,168	127	9.7	2,855	1,509	52.9	1,336	174	11.5
1973	1,735	1,371	79.0	1,251	90	6.6	2,924	1,536	52.5	1,379	158	10.3
1974	1,755	1,406	80.1	1,288	88	6.3	3,005	1,661	55.3	1,489	173	10.4
1975	1,841	1,459	79.2	1,208	233	16.0	3,031	1,677	55.3	1,435	243	14.5
1976	2,002	1,469	73.4	1,228	195	13.3	3,189	1,829	57.4	1,576	252	13.8
1977	1,931	1,477	76.5	1,246	190	13.9	3,162	1,748	55.3	1,504	243	13.9
1978	2,241	1,740	77.6	1,522	181	10.4	3,232	1,840	56.9	1,640	200	10.9
1979	2,122	1,628	76.7	1,462	137	8.4	3,142	1,850	58.9	1,666	185	10.0
1980	2,094	1,662	79.4	1,494	134	8.1	3,243	1,928	59.4	1,737	191	9.9
1981	2,282	1,809	79.3	1,610	167	9.2	3,412	2,076	60.8	1,816	260	12.5
1982	2,279	1,815	79.6	1,491	277	15.7	3,479	2,087	60.0	1,785	302	14.5
1983	2,243	1,774	79.1	1,405	314	18.3	3,258	1,913	58.7	1,549	365	19.1
1984	2,185	1,663	76.1	1,429	201	12.3	3,313	2,023	61.1	1,743	280	13.8

NOTE: Data refer to the civilian population (including institutional) 16 years and over for 1970-71. Beginning with 1972, data refer to the civilian noninstitutional population. Male members of the Armed Forces living off post or with their families on post are included in the male population and labor force figures.

Table 52. Labor force participation rates by marital status, sex, and age, March 1947-84

Marital status and year	Men								Women							
	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years			65 years and over	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years			65 years and over
					Total	45 to 54 years	55 to 64 years						Total	45 to 54 years	55 to 64 years	
SINGLE																
1947	(1)	(1)	85.0	85.5	79.1	(1)	(1)	40.2	(1)	(1)	78.2	79.4	66.3	(1)	(1)	22.7
1948	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	29.3	78.8	81.8	78.1	61.6	(1)	(1)	23.2
1949	45.3	77.1	86.6	85.1	75.1	(1)	(1)	42.1	28.8	75.8	81.0	80.4	66.8	(1)	(1)	24.3
1950	42.1	78.7	84.1	83.6	74.1	(1)	(1)	41.0	26.3	74.9	84.6	83.6	70.6	(1)	(1)	23.8
1951	42.7	77.1	84.3	83.0	78.5	(1)	(1)	36.8	28.4	75.6	82.0	81.7	65.0	(1)	(1)	18.9
1952	40.7	79.2	86.8	83.7	76.6	85.0	66.2	28.2	28.0	75.9	83.0	78.4	71.9	78.5	63.1	16.4
1953	41.7	75.5	86.1	81.0	74.8	78.1	70.8	30.2	27.4	76.2	81.3	77.3	68.3	72.9	62.7	23.2
1954	40.8	78.6	89.2	83.2	81.8	84.1	78.6	28.9	27.5	77.2	88.7	77.0	70.8	76.9	61.1	17.3
1955	39.4	76.5	89.1	82.2	86.7	88.8	83.6	31.6	24.6	69.6	80.9	81.2	74.8	79.4	69.1	26.0
1956	39.2	75.9	89.7	85.4	76.3	82.0	67.9	25.9	24.7	72.2	85.5	78.5	70.1	74.7	63.8	24.3
1957	38.9	73.2	86.5	82.9	77.0	83.1	68.9	26.8	26.8	74.6	79.5	81.9	72.9	78.0	66.7	24.5
1958	36.0	73.9	87.5	82.8	78.1	83.7	72.1	28.9	24.7	72.9	80.1	79.1	72.4	77.3	66.1	26.7
1959	36.5	75.3	88.2	85.1	75.3	79.7	69.6	25.3	24.0	72.7	76.4	81.8	71.1	74.4	66.1	20.3
1960	34.4	76.6	85.3	85.3	74.4	77.5	69.7	24.3	25.3	73.4	79.9	79.7	75.1	80.6	67.0	21.6
1961	34.3	76.3	87.5	88.2	77.5	82.6	69.0	23.0	26.1	76.5	79.9	77.5	76.0	81.8	68.6	20.8
1962	32.4	73.9	87.0	80.3	73.4	76.0	70.0	24.8	25.0	70.9	79.8	77.3	71.0	74.1	67.2	17.3
1963	31.7	74.1	85.5	81.0	72.6	75.7	69.0	18.2	23.6	71.9	81.4	82.5	73.7	79.2	67.6	16.9
1964	33.0	70.6	83.6	82.8	73.9	81.4	64.5	20.3	23.5	74.0	87.2	83.0	71.3	75.0	67.0	19.2
1965	32.0	72.3	85.3	84.6	72.0	78.5	65.1	18.1	23.6	72.3	83.4	77.0	71.8	75.7	68.1	21.3
1966	34.5	69.0	85.1	84.8	67.6	71.6	63.0	15.7	25.5	72.6	80.9	75.4	69.7	73.6	65.6	18.0
1967	46.6	69.8	85.7	84.6	69.3	76.6	61.8	16.2	37.2	70.3	80.9	74.5	67.8	72.2	63.2	17.3
1968	46.7	67.7	85.2	80.8	67.9	74.8	57.3	15.4	37.4	68.7	79.8	77.2	70.0	74.9	64.8	18.2
1969	46.9	67.5	84.0	79.2	69.2	76.6	57.8	18.7	37.1	69.4	80.9	72.3	67.9	72.8	62.8	18.4
1970	49.0	69.0	86.2	82.3	66.6	71.5	60.2	21.0	39.5	71.1	80.7	73.3	67.8	72.3	63.7	17.6
1971	47.1	68.5	84.2	79.1	69.3	76.5	57.6	21.4	39.6	69.1	77.6	72.7	69.4	74.1	65.2	17.4
1972	51.3	73.2	87.2	85.7	71.0	80.6	58.0	24.6	42.0	70.0	84.7	71.4	70.9	73.0	69.1	19.1
1973	52.9	75.4	87.3	88.7	72.3	77.4	66.0	19.6	43.7	70.7	81.7	73.6	69.9	73.8	66.4	17.2
1974	54.5	75.4	86.8	86.8	72.9	78.3	66.1	15.4	45.7	71.7	81.8	72.3	70.6	77.6	64.2	14.7
1975	53.2	76.5	87.4	86.5	68.7	76.5	59.3	20.5	45.5	69.5	80.4	77.8	68.4	76.4	60.1	16.2
1976	52.7	75.2	86.0	84.1	68.6	73.9	62.4	19.1	46.3	72.8	84.5	76.1	70.6	76.6	64.4	16.9
1977	54.3	77.5	88.1	80.6	65.5	69.7	60.9	20.4	47.4	71.2	83.6	72.8	69.4	74.6	64.3	16.0
1978	55.9	78.2	86.5	82.4	68.0	76.4	55.5	20.1	48.7	72.5	82.3	77.3	67.6	73.8	61.2	17.2
1979	57.1	79.0	87.9	83.0	70.1	77.3	59.6	21.4	51.0	75.0	83.2	76.6	67.4	73.8	60.9	15.2
1980	56.8	79.6	87.3	79.9	65.2	74.5	53.5	20.0	49.0	72.2	84.2	78.5	62.8	70.5	54.5	12.0
1981	54.9	80.1	88.4	82.7	60.9	70.2	50.9	13.6	48.8	73.1	82.6	79.1	66.0	74.3	56.5	13.6
1982	51.7	79.4	88.9	85.8	62.3	71.4	51.1	17.8	46.4	73.5	83.1	81.0	64.9	73.8	56.1	12.3
1983	49.9	77.6	88.4	81.8	69.6	78.5	56.2	23.9	46.0	72.6	83.6	81.1	65.1	67.7	62.6	12.6
1984	51.1	78.5	87.5	83.0	66.5	76.1	55.0	16.7	46.6	72.2	83.6	83.1	66.9	70.8	62.8	11.5

See footnotes at end of table.

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Table 52. Labor force participation rates by marital status, sex, and age, March 1947-84—Continued

Marital status and year	Men								Women							
	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years			65 years and over	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years			65 years and over
					Total	45 to 54 years	55 to 64 years						Total	45 to 54 years	55 to 64 years	
MARRIED, SPOUSE PRESENT																
1947	(1)	(1)	97.7	98.8	95.0	(1)	(1)	54.5	(1)	(1)	19.3	25.8	18.4	(1)	(1)	4.1
1948	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	21.2	24.9	22.2	27.3	19.4	(1)	(1)	6.1
1949	(1)	94.9	97.7	98.7	94.3	(1)	(1)	51.9	18.6	24.5	22.7	28.5	20.6	(1)	(1)	5.2
1950	92.6	94.5	97.0	98.8	92.8	(1)	(1)	53.4	24.0	28.5	23.8	28.5	21.8	(1)	(1)	6.4
1951	96.7	95.6	98.2	98.4	93.5	(1)	(1)	50.9	17.6	29.1	25.6	30.5	23.7	(1)	(1)	6.5
1952	97.0	97.9	99.0	98.8	93.8	97.1	89.3	47.8	21.9	25.8	25.4	31.7	24.1	29.0	16.9	5.9
1953	100.0	96.1	98.7	98.8	94.9	97.6	91.0	46.2	20.8	28.2	25.2	33.6	25.7	30.8	17.6	6.0
1954	91.6	98.0	98.9	99.0	94.9	97.8	90.9	47.1	20.9	25.6	26.3	33.1	26.9	31.0	20.7	5.4
1955	98.8	94.5	98.8	98.8	93.8	97.4	88.8	44.2	19.8	29.4	26.0	33.7	29.0	33.9	21.3	7.5
1956	95.5	95.5	98.7	99.2	94.6	97.8	90.1	44.8	27.6	30.9	26.3	34.3	31.5	36.5	23.5	7.8
1957	97.9	95.9	98.7	98.7	94.4	97.6	90.1	42.4	24.0	30.2	27.1	35.7	32.2	37.2	24.6	6.3
1958	95.5	96.6	98.7	98.7	94.0	97.2	89.4	40.6	25.9	30.7	27.4	36.7	32.6	38.2	23.8	6.7
1959	95.7	95.6	98.6	98.9	94.0	97.3	89.3	38.2	28.1	30.6	28.5	36.9	33.9	40.3	24.0	6.4
1960	96.0	97.5	98.6	98.4	93.0	96.6	87.9	37.1	25.3	30.0	27.7	36.2	34.2	40.5	24.3	5.9
1961	98.3	97.4	99.0	98.6	93.7	97.0	89.1	37.6	27.8	32.4	29.2	38.4	37.3	42.4	29.3	7.3
1962	95.2	96.0	98.7	98.6	93.6	97.1	88.8	35.0	27.5	31.6	29.4	39.0	37.2	42.5	29.0	7.6
1963	97.8	96.5	98.6	98.9	93.6	97.3	88.4	32.3	29.8	33.2	30.0	39.8	38.9	44.4	30.4	6.4
1964	95.3	96.7	98.5	98.4	93.2	97.4	87.4	31.0	31.1	36.6	30.6	39.4	39.5	44.8	31.3	7.6
1965	94.3	96.6	98.5	98.2	92.8	96.8	87.1	31.1	27.0	35.6	32.1	40.6	39.0	44.0	31.4	7.6
1966	91.5	96.9	98.6	98.1	92.5	96.6	86.7	29.8	34.3	38.1	32.5	41.3	39.5	44.9	31.3	6.8
1967	93.8	96.6	98.5	98.2	92.1	96.6	86.0	28.8	31.5	41.1	35.0	42.7	40.4	44.9	33.5	6.6
1968	94.7	95.3	98.5	98.4	92.2	96.3	86.8	29.6	36.3	42.7	36.6	43.9	42.2	46.9	35.1	6.5
1969	95.6	95.0	98.3	98.2	91.6	95.9	86.0	30.9	35.4	47.9	36.9	45.4	43.1	48.2	35.4	7.6
1970	95.5	95.0	98.2	98.1	91.6	96.1	85.7	30.2	36.0	47.4	39.3	47.2	44.1	49.5	35.8	7.9
1971	90.9	94.8	97.8	97.9	91.2	96.0	85.1	27.8	37.0	47.0	39.9	47.6	44.0	48.9	36.7	7.3
1972	93.4	95.2	98.0	97.9	90.6	95.3	84.5	26.6	39.0	48.6	41.3	48.6	44.1	50.5	35.4	7.3
1973	96.3	95.1	97.4	97.5	89.0	94.8	81.5	26.0	42.3	53.0	44.1	49.3	42.8	48.1	35.2	6.5
1974	93.3	95.4	97.6	97.6	88.5	94.2	81.1	24.1	44.4	54.1	46.1	50.1	43.4	49.5	34.8	6.7
1975	92.3	95.1	97.3	97.0	87.0	93.8	78.8	23.7	46.0	57.3	48.3	51.9	43.9	50.1	35.6	7.2
1976	94.9	95.1	97.6	96.7	85.7	93.2	76.8	22.4	44.9	55.5	49.8	54.2	44.1	50.0	36.3	7.2
1977	95.2	96.2	97.2	97.3	85.3	93.1	76.3	20.9	49.8	60.0	52.2	55.9	44.8	51.7	36.0	7.0
1978	98.1	96.1	97.6	97.1	84.7	93.2	75.0	21.0	45.2	58.9	55.2	57.5	45.4	52.6	36.2	6.5
1979	98.3	96.5	97.5	97.2	84.6	93.5	75.0	21.5	51.4	61.5	57.0	60.2	46.5	54.3	37.2	7.9
1980	97.3	96.8	97.5	97.0	84.8	93.4	75.4	20.4	47.7	60.5	59.3	62.5	46.9	55.7	36.7	7.2
1981	94.5	96.8	97.5	97.2	84.3	93.3	74.6	19.9	45.9	61.6	61.6	62.5	47.8	58.0	36.5	7.3
1982	95.0	96.8	97.5	96.9	83.1	92.7	73.1	18.9	49.6	62.1	61.8	64.1	47.5	57.6	36.6	7.1
1983	92.7	95.7	97.3	97.2	82.1	93.0	71.2	19.1	46.6	63.0	62.5	65.4	47.6	58.1	36.4	7.5
1984	97.3	96.1	97.2	97.2	81.8	92.7	70.6	17.3	43.7	63.5	64.0	66.4	48.9	60.2	36.6	7.3

See footnotes at end of table.

Table 52. Labor force participation rates by marital status, sex, and age, March 1947-84—Continued

Marital status and year	Men								Women							
	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years			65 years and over	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years			65 years and over
					Total	45 to 54 years	55 to 64 years						Total	45 to 54 years	55 to 64 years	
WIDOWED, DIVORCED, OR SEPARATED																
1947	(1)	(1)	85.2	89.6	78.8	(1)	(1)	32.8	(1)	(1)	63.8	67.6	45.4	(1)	(1)	7.6
1948	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	41.0	57.9	64.7	67.9	48.9	(1)	(1)	8.5
1949	(2)	69.9	78.0	87.1	74.9	(1)	(1)	32.2	39.7	47.6	59.2	68.4	46.7	(1)	(1)	8.6
1950	(2)	75.0	83.8	83.4	83.1	(1)	(1)	30.2	(1)	45.5	62.3	65.4	50.2	(1)	(1)	8.8
1951	(2)	81.7	81.8	87.4	77.8	(1)	(1)	27.6	39.1	45.3	58.7	69.0	51.5	(1)	(1)	9.2
1952	(2)	78.2	81.1	88.2	79.0	79.1	78.9	27.3	41.0	59.0	63.0	68.7	49.6	61.5	39.5	8.2
1953	(2)	(2)	82.9	92.1	84.2	89.6	79.9	29.2	47.8	52.9	61.2	67.2	52.4	64.7	42.6	9.1
1954	(2)	82.2	76.3	90.6	78.8	83.7	74.4	22.7	48.6	47.6	62.7	69.3	52.0	61.8	44.6	9.8
1955	(2)	(2)	80.9	83.5	78.6	85.6	72.7	26.4	37.3	55.1	60.5	64.6	53.3	64.1	45.1	10.7
1956	(2)	82.8	79.7	86.5	78.0	80.5	75.3	27.2	35.3	49.5	60.6	66.8	55.8	63.0	50.6	10.2
1957	(2)	85.8	81.2	86.8	76.3	82.8	69.7	24.5	35.5	53.1	62.1	69.4	56.0	66.4	47.8	12.3
1958	(2)	77.2	79.0	87.1	77.3	80.5	74.5	23.0	31.8	59.6	62.6	69.9	58.3	68.2	50.9	11.2
1959	(2)	69.2	89.0	87.1	77.2	82.8	72.4	20.8	34.5	57.6	61.4	65.7	60.3	68.6	53.9	11.0
1960	(2)	88.6	82.3	84.1	78.1	84.3	72.6	18.2	37.3	54.6	55.5	67.4	58.3	68.2	50.7	11.0
1961	(2)	81.0	81.3	81.6	78.2	83.1	73.1	21.2	42.3	58.5	61.5	72.2	59.7	69.9	51.5	12.0
1962	(2)	70.7	80.8	85.0	77.4	82.6	71.7	16.7	34.0	54.7	57.5	63.3	60.2	71.0	52.0	11.2
1963	(2)	71.8	79.0	82.4	77.2	83.4	70.6	16.3	36.6	58.1	56.5	66.8	59.1	67.8	52.5	9.8
1964	(2)	79.7	82.9	81.5	77.3	82.6	71.8	17.1	28.7	50.3	60.3	63.7	60.4	70.2	53.1	10.3
1965	(2)	65.0	79.0	82.1	77.2	81.6	72.6	18.8	35.2	58.6	62.8	65.0	59.8	67.9	53.3	10.0
1966	(2)	85.6	82.4	84.6	75.3	80.5	70.9	14.8	45.0	55.3	58.5	67.2	61.3	69.0	55.4	10.7
1967	(2)	78.4	81.0	82.6	74.6	81.4	68.0	15.2	41.1	60.9	62.4	68.9	60.2	69.1	53.5	9.6
1968	(2)	68.4	81.9	85.4	72.4	80.7	64.0	14.0	51.1	62.0	61.1	68.8	60.4	69.2	54.1	9.4
1969	(2)	72.9	80.7	82.5	73.6	85.1	60.1	14.9	51.8	62.9	63.5	66.4	60.8	68.5	55.0	10.2
1970	(2)	73.2	74.5	80.6	75.9	83.6	67.8	16.5	46.5	59.7	65.1	67.9	60.7	69.1	54.6	9.9
1971	(2)	84.6	8[illegible].8	80.5	70.8	77.6	63.6	13.0	44.1	59.9	60.9	67.9	60.2	68.4	53.9	8.9
1972	(2)	88.4	91.4	90.8	73.6	83.2	64.2	16.9	44.7	57.7	62.1	71.7	61.0	69.1	54.8	9.8
1973	(2)	90.2	90.4	90.6	75.8	85.7	66.1	14.0	38.2	57.7	64.0	70.7	59.9	70.0	52.3	9.1
1974	(2)	92.0	93.3	91.6	74.2	83.5	65.2	15.3	47.0	66.3	68.2	69.0	61.0	69.6	54.4	8.5
1975	(2)	84.7	92.4	89.3	69.4	80.2	59.2	18.0	41.9	68.1	67.5	69.4	60.4	69.4	53.2	8.1
1976	(2)	93.1	89.6	88.6	68.7	76.3	60.7	13.4	55.3	64.8	72.1	71.1	58.0	67.1	51.0	8.4
1977	(2)	93.6	92.7	89.7	72.8	80.4	64.8	12.1	50.0	62.8	75.7	72.5	57.5	68.8	48.9	8.6
1978	(2)	88.0	92.6	91.2	72.6	82.7	61.5	13.8	48.8	69.0	75.5	75.2	58.2	68.0	50.9	8.7
1979	(2)	86.8	91.6	93.3	71.7	82.4	60.0	13.1	60.9	73.7	75.0	73.3	60.0	70.3	52.3	8.5
1980	(2)	92.9	93.8	91.1	69.9	80.5	58.5	13.0	51.0	68.5	77.1	76.4	59.5	71.4	50.7	8.6
1981	(2)	90.5	93.4	90.2	71.4	84.0	59.0	14.2	50.4	69.2	76.2	78.4	61.1	72.0	53.0	8.9
1982	69.7	92.9	91.7	92.4	73.5	85.0	60.0	13.9	45.6	67.1	77.1	77.2	61.9	73.1	53.2	7.8
1983	(2)	89.7	91.9	90.7	73.9	83.8	61.4	13.1	45.3	68.4	77.1	77.7	59.5	71.8	50.3	7.5
1984	(2)	91.6	90.6	93.0	72.5	85.4	57.6	12.6	53.5	71.6	76.6	79.7	61.0	73.6	52.0	7.6

[1] Not available.

[2] For years prior to 1967, data not shown where base is less than 100,000; for 1967 forward, data not shown where base is less than 75,000.

NOTE: Participation rates represent the percent of the population in the labor force. Data refer to the civilian population (including institutional) 14 years and over for 1947-66; 16 years and over beginning with 1967. Beginning with 1972, data refer to the civilian noninstitutional population. Male members of the Armed Forces living off post or with their families on post are included in the male population and labor force figures. Data for the years 1947-49 and 1951-55 were collected in April.

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Table 53. Labor force participation rates of widowed, divorced, or separated persons by sex and age, March 1970-84

Marital status and year	Men								Women							
	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years			65 years and over	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years			65 years and over
					Total	45 to 54 years	55 to 64 years						Total	45 to 54 years	55 to 64 years	
WIDOWED																
1970	(1)	(1)	(1)	(1)	75.5	85.2	70.2	13.6	(1)	(1)	(1)	60.3	56.7	65.9	52.4	9.5
1971	(1)	(1)	(1)	(1)	74.2	83.3	69.3	10.9	(1)	(1)	45.1	59.6	56.9	67.6	52.0	8.5
1972	(1)	(1)	(1)	(1)	72.3	83.2	66.9	15.3	(1)	(1)	52.7	64.9	56.7	65.1	52.7	9.2
1973	(1)	(1)	(1)	(1)	71.7	80.1	68.7	12.7	(1)	(1)	43.5	58.3	55.2	65.6	50.6	8.3
1974	(1)	(1)	(1)	(1)	71.2	81.8	66.3	14.0	(1)	(1)	53.4	48.4	55.5	64.2	51.7	8.2
1975	(1)	(1)	(1)	(1)	65.0	72.8	61.6	16.0	(1)	(1)	48.5	54.3	54.3	62.4	50.0	7.8
1976	(1)	(1)	(1)	(1)	63.0	73.9	57.7	13.2	(1)	(1)	51.0	60.9	50.8	61.7	46.1	7.8
1977	(1)	(1)	(1)	(1)	68.3	80.3	61.1	11.4	(1)	(1)	59.9	65.2	50.1	62.8	45.1	8.1
1978	(1)	(1)	(1)	87.8	66.1	84.1	56.0	13.1	(1)	(1)	66.6	64.6	50.8	61.9	46.2	8.1
1979	(1)	(1)	(1)	(1)	64.7	80.6	55.4	11.1	(1)	(1)	54.4	48.1	53.8	65.8	48.7	7.9
1980	(1)	(1)	(1)	(1)	61.2	77.4	54.4	10.9	(1)	(1)	66.4	60.8	52.0	65.9	46.7	7.9
1981	(1)	(1)	(1)	(1)	57.6	79.5	49.3	11.7	(1)	(1)	64.6	65.6	52.5	67.6	46.8	7.9
1982	(1)	(1)	(1)	(1)	61.8	80.0	53.3	11.5	(1)	(1)	61.5	62.4	52.4	65.2	47.4	7.0
1983	(1)	(1)	(1)	(1)	66.0	77.6	60.7	10.7	(1)	(1)	54.1	62.1	49.8	62.7	45.3	6.5
1984	(1)	(1)	(1)	(1)	60.0	82.8	52.7	11.2	(1)	(1)	66.9	69.1	50.3	66.5	44.9	7.0
DIVORCED																
1970	(1)	(1)	81.5	86.8	81.8	88.0	72.0	26.9	(1)	66.0	81.0	79.5	73.5	82.1	62.1	20.1
1971	(1)	93.9	88.2	83.0	70.8	77.5	60.5	22.2	(1)	74.3	76.4	79.9	73.2	76.8	67.5	21.3
1972	(1)	85.8	92.4	92.6	73.4	84.7	59.7	28.6	(1)	66.8	73.5	82.3	74.2	80.7	63.7	20.3
1973	(1)	92.4	91.6	92.1	74.4	85.4	58.7	18.3	(1)	66.3	77.4	82.5	74.3	81.3	62.8	18.8
1974	(1)	89.5	93.8	91.3	74.2	84.1	60.7	19.8	(1)	79.7	77.6	81.7	76.3	81.4	67.7	17.2
1975	(1)	87.1	92.3	89.7	69.3	81.6	53.4	24.4	(1)	80.5	76.9	80.6	74.7	79.8	67.0	15.1
1976	(1)	93.8	91.1	88.7	72.1	80.6	61.4	12.5	(1)	72.5	78.3	78.9	73.2	76.8	67.7	19.1
1977	(1)	91.2	94.8	91.0	73.7	80.4	65.3	10.8	(1)	72.8	82.4	81.3	72.6	79.2	62.4	17.8
1978	(1)	92.0	93.1	92.2	72.5	83.1	60.1	19.2	(1)	77.0	81.8	82.7	73.2	78.1	66.7	20.3
1979	(1)	85.8	92.6	94.0	74.5	82.8	63.1	16.6	(1)	86.2	81.8	82.8	72.7	78.7	64.7	17.0
1980	(1)	91.9	93.7	92.6	72.6	81.4	59.7	16.2	(1)	76.3	84.1	83.6	73.3	80.6	62.8	15.2
1981	(1)	91.6	94.3	91.6	74.2	85.0	60.3	18.6	(1)	78.1	82.1	84.5	74.9	77.9	70.9	20.5
1982	(1)	93.3	91.5	93.0	75.6	85.5	59.9	17.4	(1)	74.0	82.2	84.2	76.0	81.0	69.1	16.8
1983	(1)	91.6	91.9	92.1	75.6	83.8	61.9	20.3	(1)	77.2	82.7	84.5	74.8	80.7	66.5	17.2
1984	(1)	93.5	92.2	93.8	76.4	85.5	62.5	18.2	(1)	82.6	81.4	84.9	73.9	80.1	66.5	16.1
SEPARATED																
1970	(1)	66.0	68.0	73.0	69.3	76.8	59.9	21.7	43.6	57.3	52.7	57.4	57.3	60.3	53.1	9.1
1971	(1)	79.3	78.4	76.7	67.4	74.2	59.4	17.2	44.7	53.1	48.6	57.2	54.7	58.6	48.4	7.1
1972	(1)	89.7	90.2	89.6	75.2	81.4	66.8	19.0	41.4	54.4	53.0	61.5	58.1	59.5	55.9	12.6
1973	(1)	88.1	88.7	89.8	81.9	88.6	72.5	19.2	37.6	54.6	54.5	61.4	56.0	60.4	50.0	19.9
1974	(1)	93.6	91.9	92.6	77.4	83.7	70.1	19.7	43.0	59.3	59.8	61.6	57.1	60.3	52.1	4.0
1975	(1)	81.9	92.6	90.5	69.7	82.2	64.9	23.8	38.3	61.5	58.2	59.3	60.0	65.6	50.6	8.6
1976	(1)	92.1	87.3	88.4	67.8	71.0	63.4	15.7	55.2	59.7	65.8	62.0	56.5	59.5	52.2	12.9
1977	(1)	94.7	89.6	87.3	75.2	80.9	68.0	17.7	47.8	56.3	67.5	57.8	53.2	58.0	46.6	11.2
1978	(1)	83.6	91.2	90.5	77.3	82.1	70.4	12.2	44.4	63.5	65.5	63.8	54.1	59.4	46.1	9.9
1979	(1)	87.1	89.6	91.5	72.9	83.0	60.2	19.8	54.3	64.8	65.8	63.0	57.1	62.0	48.4	15.8
1980	(1)	94.1	94.1	88.7	72.7	80.5	62.4	21.6	48.9	62.3	66.3	68.3	55.8	60.0	49.6	17.5
1981	(1)	89.8	92.9	88.6	77.2	83.9	69.3	21.8	52.0	61.3	66.9	70.9	58.4	65.4	48.9	12.3
1982	(1)	92.6	92.7	91.2	78.1	86.3	68.1	21.4	43.2	60.9	68.8	67.7	58.0	66.4	46.2	11.5
1983	(1)	88.9	92.1	87.8	76.3	86.3	61.2	17.2	40.7	58.4	69.1	66.8	53.6	63.0	40.2	13.5
1984	(1)	89.5	87.4	91.8	72.9	85.9	52.8	13.3	(1)	60.3	68.9	69.6	61.0	67.6	51.2	5.7

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[1] Data not shown where base is less than 75,000.

NOTE: Participation rates represent the percent of the population in the labor force. Data refer to the civilian population (including institutional) 16 years and over for 1970-71. Beginning with 1972, data refer to the civilian noninstitutional population. Male members of the Armed Forces living off post or with their families on post are included in the male population and labor force figures.

Table 54. Labor force and labor force participation rates of married women, spouse present by presence and age of children, March 1948-84

(Numbers in thousands)

Year	Civilian labor force				Civilian labor force participation rate[1]			
	Total	Presence and age of children			Total	Presence and age of children		
		With no children under 18 years of age	With children 6 to 17 years of age	With children under 6 years of age		With no children under 18 years of age	With children 6 to 17 years of age	With children under 6 years of age
1948	7,553	4,400	1,927	1,226	22.0	28.4	26.0	10.8
1949	7,959	4,544	2,130	1,285	22.5	28.7	27.3	11.0
1950	8,550	4,946	2,205	1,399	23.8	30.3	28.3	11.9
1951	9,086	5,016	2,400	1,670	25.2	31.0	30.3	14.0
1952	9,222	5,042	2,492	1,688	25.3	30.9	31.1	13.9
1953	9,763	5,130	2,749	1,884	26.3	31.2	32.2	15.5
1954	9,923	5,096	3,019	1,808	26.6	31.6	33.2	14.9
1955	10,423	5,227	3,183	2,012	27.7	32.7	34.7	16.2
1956	11,126	5,694	3,384	2,048	29.0	35.3	36.4	15.9
1957	11,529	5,805	3,517	2,208	29.6	35.6	36.6	17.0
1958	11,826	5,713	3,714	2,399	30.2	35.4	37.6	18.2
1959	12,205	5,679	4,055	2,471	30.9	35.2	39.8	18.7
1960	12,253	5,692	4,087	2,474	30.5	34.7	39.0	18.6
1961	13,266	6,186	4,419	2,661	32.7	37.3	41.7	20.0
1962	13,485	6,156	4,445	2,884	32.7	36.1	41.8	21.3
1963	14,061	6,366	4,689	3,006	33.7	37.4	41.5	22.5
1964	14,461	6,545	4,866	3,050	34.4	37.8	43.0	22.7
1965	14,708	6,755	4,836	3,117	34.7	38.3	42.7	23.2
1966	15,178	7,043	4,949	3,186	35.4	38.4	43.7	24.2
1967	15,908	7,158	5,269	3,481	36.8	38.9	45.0	26.5
1968	16,821	7,564	5,693	3,564	38.3	40.1	46.9	27.6
1969	17,595	7,853	6,146	3,596	39.6	41.0	48.6	28.5
1970	18,377	8,174	6,289	3,914	40.8	42.2	49.2	30.3
1971	18,573	8,455	6,429	3,690	40.8	42.1	49.4	29.6
1972	19,336	8,842	6,715	3,778	41.5	42.7	50.2	30.1
1973	19,951	9,175	6,672	4,104	42.2	42.8	50.1	32.7
1974	20,541	9,456	6,811	4,274	43.1	43.0	51.2	34.4
1975	21,360	9,832	7,012	4,518	44.4	43.8	52.2	36.7
1976	21,814	9,996	7,298	4,520	45.1	43.7	53.6	37.5
1977	22,681	10,427	7,707	4,547	46.6	44.8	55.5	39.4
1978	23,136	10,502	7,867	4,768	47.5	44.6	57.1	41.7
1979	24,223	11,178	8,106	4,939	49.3	46.6	59.0	43.3
1980	24,900	11,246	8,428	5,227	50.1	46.0	61.7	45.1
1981	25,460	11,426	8,432	5,603	51.0	46.3	62.5	47.8
1982	25,756	11,789	8,277	5,690	51.2	46.2	63.2	48.7
1983	26,227	12,076	8,292	5,859	51.8	46.6	63.8	49.9
1984	26,811	12,331	8,304	6,225	52.8	47.1	65.4	51.8

[1] Percent of the civilian noninstitutional population in the civilian labor force.

NOTE: Data for the years 1948-49 and 1951-55 were collected in April. Children refer to own children of the husband, wife, or person maintaining the family. Included are sons, daughters, and adopted children. Excluded are other related children, such as grandchildren, nieces, nephews, and cousins, and unrelated children.

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Table 55. Number of children under 18 years of age by type of family and labor force status of mother, March 1970-84

(Numbers in thousands)

Age of children and year	Total number of children	Mother in labor force	Mother not in labor force	Married-couple families			Families maintained by women[1]			Families maintained by men[1]
				Total	Mother in labor force	Mother not in labor force	Total	Mother in labor force	Mother not in labor force	
CHILDREN UNDER 18 YEARS OF AGE										
1970	65,755	25,544	39,550	58,399	21,982	36,417	6,695	3,562	3,133	661
1971	65,740	25,538	39,549	57,429	21,523	35,905	7,658	4,014	3,643	654
1972	65,576	25,935	38,930	56,890	21,861	35,030	7,975	4,074	3,900	711
1973	64,785	26,449	38,329	55,636	22,079	33,557	8,421	4,370	4,051	729
1974	64,185	27,114	37,060	54,684	22,443	32,242	8,750	4,672	4,078	751
1975	63,574	28,083	34,690	53,476	22,984	30,493	9,296	5,099	4,196	802
1976	62,661	28,679	33,257	52,382	23,284	29,098	9,554	5,394	4,159	726
1977	61,709	29,498	31,386	51,207	23,827	27,381	9,678	5,671	4,004	826
1978	60,961	30,434	29,630	49,831	24,217	25,615	10,233	6,217	4,015	898
1979	59,983	30,884	28,147	48,979	24,688	24,294	10,052	6,198	3,853	953
1980	59,714	31,529	27,208	48,155	24,912	23,244	10,582	6,617	3,964	978
1981	59,148	31,785	26,269	47,542	25,178	22,364	10,513	6,607	3,906	1,094
1982	58,312	32,008	25,254	46,293	25,130	21,163	10,968	6,878	4,090	1,050
1983	58,034	31,884	25,062	46,084	25,166	20,918	10,862	6,718	4,145	1,087
1984	58,096	32,701	24,169	45,991	25,786	20,205	10,878	6,914	3,964	1,226
Children 6 to 17 years of age										
1970	46,149	19,954	25,627	40,779	17,035	23,444	5,102	2,919	2,183	568
1971	46,436	20,082	25,785	40,085	16,834	23,251	5,781	3,248	2,534	569
1972	46,240	20,281	25,954	39,628	16,983	22,646	5,986	3,298	2,687	626
1973	45,488	20,426	25,055	38,598	16,922	21,676	6,253	3,504	2,749	637
1974	45,477	20,934	24,533	38,204	17,189	21,015	6,619	3,744	2,875	653
1975	45,186	21,453	23,023	37,522	17,453	20,070	6,953	3,999	2,954	711
1976	44,718	22,098	21,976	36,784	17,784	19,000	7,289	4,314	2,976	644
1977	44,237	22,903	20,616	36,116	18,275	17,841	7,401	4,627	2,775	718
1978	43,582	23,371	19,451	34,999	18,369	16,628	7,822	5,000	2,823	759
1979	42,546	23,507	18,250	34,141	18,605	15,536	7,616	4,901	2,714	789
1980	41,788	23,826	17,168	33,032	18,525	14,507	7,961	5,300	2,661	794
1981	40,842	23,569	16,398	32,111	18,307	13,804	7,857	5,262	2,595	875
1982	39,820	23,534	15,466	30,908	18,130	12,778	8,093	5,405	2,688	819
1983	39,030	22,995	15,194	30,344	17,794	12,550	7,845	5,201	2,644	842
1984	38,738	23,361	14,518	30,027	17,969	12,058	7,851	5,391	2,460	859
Children under 6 years of age										
1970	19,606	5,590	13,923	17,920	4,947	12,973	1,593	643	950	93
1971	19,304	5,456	13,764	17,343	4,689	12,654	1,876	767	1,110	84
1972	19,337	5,654	13,682	17,262	4,878	12,384	1,989	776	1,213	86
1973	19,298	6,023	13,274	17,038	5,157	11,881	2,167	866	1,302	92
1974	18,709	6,180	12,527	16,481	5,253	11,228	2,130	927	1,203	98
1975	18,389	6,630	11,667	15,954	5,531	10,424	2,343	1,099	1,243	92
1976	17,944	6,581	11,281	15,598	5,500	10,098	2,264	1,081	1,183	82
1977	17,473	6,596	10,770	15,091	5,551	9,540	2,276	1,045	1,231	107
1978	17,380	7,063	10,179	14,833	5,846	8,987	2,409	1,217	1,193	138
1979	17,439	7,378	9,896	14,839	6,082	8,758	2,435	1,296	1,139	165
1980	17,927	7,703	10,040	15,123	6,386	8,737	2,620	1,317	1,303	184
1981	18,306	8,216	9,871	15,431	6,871	8,560	2,656	1,345	1,311	219
1982	18,492	8,473	9,787	15,385	7,000	8,385	2,876	1,473	1,402	232
1983	19,003	8,889	9,868	15,740	7,372	8,368	3,017	1,517	1,501	246
1984	19,358	9,340	9,650	15,964	7,817	8,147	3,027	1,523	1,504	367

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[1] Families maintained by widowed, divorced, separated, or single persons.

NOTE: Children refer to own children of the husband, wife, or person maintaining the family. Included are sons, daughters, and adopted children. Excluded are other related children, such as grandchildren, nieces, nephews, and cousins, and unrelated children.

Table 56. Employment status of women who maintain families, March 1960-84

(Numbers in thousands)

Year	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Number	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1960	4,494	2,243	49.9	2,107	136	6.1	2,251
1961	4,609	2,387	51.8	2,216	171	7.2	2,222
1962	4,643	2,359	50.8	2,212	147	6.2	2,284
1963	4,741	2,465	52.0	2,298	167	6.8	2,276
1964	4,882	2,427	49.7	2,276	151	6.2	2,455
1965	5,006	2,548	50.9	2,417	131	5.1	2,458
1966	4,992	2,572	51.5	2,444	128	5.0	2,420
1967	5,166	2,717	52.6	2,596	121	4.5	2,449
1968	5,329	2,734	51.3	2,568	136	5.0	2,595
1969	5,438	2,804	51.6	2,691	113	4.0	2,634
1970	5,573	2,950	52.9	2,785	165	5.6	2,623
1971	5,968	3,229	54.1	2,998	231	7.2	2,739
1972	6,219	3,309	53.2	3,079	230	7.0	2,910
1973	6,653	3,542	53.2	3,300	242	6.8	3,110
1974	6,868	3,722	54.2	3,478	244	6.6	3,146
1975	7,326	3,987	54.4	3,584	403	10.1	3,339
1976	7,587	4,233	55.8	3,811	423	10.0	3,354
1977	7,836	4,380	55.9	3,921	460	10.5	3,456
1978	8,371	4,938	59.0	4,484	455	9.2	3,433
1979	8,616	5,129	59.5	4,686	444	8.7	3,486
1980	9,009	5,377	59.7	4,892	486	9.0	3,632
1981	9,415	5,742	61.0	5,174	568	9.9	3,673
1982	9,712	5,896	60.7	5,242	654	11.1	3,816
1983	9,828	5,861	59.6	5,031	831	14.2	3,966
1984	10,265	6,253	60.9	5,546	707	11.3	4,012

NOTE: Data refer to widowed, divorced, separated, or single women.

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Table 57. Employment status of husbands by the employment status of other family members, March 1958-84

(Numbers in thousands)

Employment status of husband and year	Total number of husbands[1]	Percent distribution							
		Total	Family member in labor force						No other family member in labor force
			Total	By relationship to husband			By employment status		
				Wife only	Wife and other member	Other member only	At least one member employed[2]	All unemployed	
HUSBAND IN LABOR FORCE[3]									
1958	34,412	100.0	41.9	26.0	5.4	10.5	38.8	3.0	58.1
1959	34,625	100.0	43.3	26.1	6.1	11.2	40.1	3.2	56.7
1960	35,041	100.0	43.0	25.8	6.2	11.1	40.1	2.9	57.0
1961	35,453	100.0	45.0	27.6	6.6	10.8	41.2	3.8	55.0
1962	35,713	100.0	45.0	28.1	6.5	10.4	42.0	3.0	55.0
1963	36,079	100.0	46.5	28.7	6.9	10.8	43.3	3.2	53.5
1964	36,286	100.0	47.6	28.8	7.6	11.1	44.3	3.3	52.4
1965	36,545	100.0	47.4	29.6	7.3	10.5	44.6	2.9	52.6
1966	36,763	100.0	48.7	29.8	8.2	10.7	46.2	2.4	51.3
1967	37,060	100.0	50.4	30.7	8.8	10.9	47.9	2.5	49.6
1968	37,668	100.0	50.7	32.6	8.3	9.8	48.5	2.1	49.3
1969	38,144	100.0	51.8	33.4	8.9	9.4	49.8	1.9	48.2
1970	38,639	100.0	53.1	34.5	9.3	9.3	50.7	2.5	46.9
1971	38,567	100.0	53.5	34.7	9.2	9.6	50.3	3.2	46.5
1972	39,258	100.0	54.6	35.1	9.9	9.6	51.6	3.0	45.4
1973	39,510	100.0	55.6	36.1	9.7	9.9	52.9	2.7	44.4
1974	39,595	100.0	57.1	37.5	9.8	9.8	54.2	2.9	42.9
1975	39,527	100.0	58.1	39.2	9.8	9.2	53.1	5.1	41.9
1976	39,451	100.0	58.8	39.4	10.6	8.9	54.7	4.1	41.2
1977	39,589	100.0	61.0	41.0	11.0	9.1	56.7	4.3	39.0
1978	39,390	100.0	62.1	41.9	11.5	8.8	58.7	3.4	37.9
1979	39,607	100.0	63.8	43.9	11.6	8.5	60.5	3.4	36.1
1980	39,907	100.0	65.0	44.8	12.2	8.1	61.6	3.4	35.0
1981	39,826	100.0	66.3	45.9	12.2	8.1	62.2	4.1	33.7
1982	39,643	100.0	66.7	46.9	12.2	7.6	61.6	5.1	33.3
1983	39,715	100.0	67.0	47.0	12.8	7.2	62.2	4.8	33.0
1984	39,707	100.0	68.4	48.8	12.6	7.1	64.5	3.9	31.6
HUSBAND EMPLOYED[3]									
1958	32,298	100.0	41.4	25.5	5.3	10.5	38.8	2.6	58.6
1959	33,149	100.0	43.1	25.8	6.0	11.3	40.1	2.9	56.9
1960	33,579	100.0	42.7	25.5	6.1	11.2	40.0	2.7	57.3
1961	33,428	100.0	44.6	27.3	6.6	10.8	41.2	3.5	55.4
1962	34,185	100.0	44.7	27.8	6.4	10.5	41.9	2.8	55.3
1963	34,595	100.0	46.2	28.6	6.9	10.8	43.2	3.0	53.8
1964	35,052	100.0	47.3	28.6	7.6	11.2	44.3	3.1	52.7
1965	35,512	100.0	47.2	29.4	7.3	10.5	44.5	2.7	52.8
1966	35,918	100.0	48.6	29.7	8.1	10.8	46.3	2.3	51.4
1967	36,305	100.0	50.3	30.5	8.8	10.9	47.9	2.4	49.7
1968	36,945	100.0	50.6	32.5	8.3	9.8	48.6	2.0	49.4
1969	37,523	100.0	51.8	33.4	8.9	9.5	49.9	1.9	48.2
1970	37,667	100.0	53.1	34.3	9.3	9.4	50.7	2.4	46.9
1971	37,215	100.0	53.4	34.5	9.1	9.8	50.4	3.0	46.6
1972	37,992	100.0	54.5	34.9	9.9	9.7	51.7	2.8	45.5
1973	38,453	100.0	55.7	36.0	9.8	9.9	53.1	2.6	44.4
1974	38,527	100.0	57.2	37.5	9.8	9.9	54.5	2.7	42.9
1975	37,235	100.0	57.9	38.9	9.9	9.2	53.4	4.6	42.1
1976	37,553	100.0	58.8	39.2	10.7	9.0	54.9	3.9	41.2
1977	37,905	100.0	61.1	40.9	11.1	9.2	57.1	4.1	38.9
1978	38,034	100.0	62.2	41.8	11.7	8.8	59.0	3.3	37.9
1979	38,389	100.0	64.1	43.9	11.7	8.6	60.8	3.3	36.0
1980	38,367	100.0	65.1	44.8	12.2	8.2	62.0	3.2	34.9
1981	37,966	100.0	66.2	45.8	12.3	8.2	62.4	3.8	33.8
1982	37,221	100.0	66.5	46.6	12.3	7.6	62.0	4.5	33.5
1983	36,609	100.0	66.8	46.7	12.9	7.3	62.7	4.1	33.2
1984	37,676	100.0	68.5	48.7	12.7	7.1	65.0	3.6	31.5

See footnotes at end of table.

Table 57. Employment status of husbands by the employment status of other family members, March 1958-84—Continued

(Numbers in thousands)

Employment status of husband and year	Total number of husbands[1]	Percent distribution							
		Total	Family member in labor force						No other family member in labor force
			Total	By relationship to husband			By employment status		
				Wife only	Wife and other member	Other member only	At least one member employed[2]	All unemployed	
HUSBAND UNEMPLOYED									
1958	2,114	100.0	49.0	32.4	6.9	9.7	39.3	9.7	51.0
1959	1,477	100.0	49.0	32.6	7.1	9.3	40.8	8.2	51.0
1960	1,462	100.0	49.7	32.1	8.0	9.6	41.7	7.9	50.3
1961	2,025	100.0	51.4	34.1	6.5	10.8	41.5	9.9	48.6
1962	1,528	100.0	50.9	34.1	8.6	8.3	42.6	8.3	49.0
1963	1,484	100.0	53.2	32.3	9.0	11.9	45.7	7.5	46.8
1964	1,234	100.0	54.4	36.6	7.7	10.1	44.4	10.0	45.6
1965	1,033	100.0	54.6	36.6	7.8	10.3	47.5	7.2	45.4
1966	847	100.0	50.1	31.9	10.4	7.8	42.9	7.2	49.9
1967	755	100.0	56.3	36.7	9.1	10.5	48.2	8.1	43.7
1968	723	100.0	51.7	36.9	7.3	7.5	43.9	7.7	48.3
1969	621	100.0	51.7	36.2	8.3	7.2	45.4	6.2	48.3
1970	972	100.0	56.1	41.8	7.6	6.7	50.8	5.4	43.9
1971	1,352	100.0	57.2	41.2	10.5	5.5	49.1	8.1	42.8
1972	1,265	100.0	56.4	40.6	7.5	8.3	47.6	8.7	43.6
1973	1,058	100.0	55.6	40.7	7.6	7.1	48.6	7.0	44.4
1974	1,069	100.0	56.7	39.3	8.4	8.9	48.4	8.3	43.3
1975	2,293	100.0	61.1	44.6	8.5	8.0	47.3	13.8	38.9
1976	1,898	100.0	60.5	44.6	9.0	6.8	50.6	9.9	39.4
1977	1,684	100.0	58.6	41.9	9.3	7.2	49.1	9.5	41.4
1978	1,358	100.0	62.1	45.8	8.4	7.7	53.2	9.0	37.9
1979	1,219	100.0	60.2	44.2	10.1	5.7	51.3	8.8	39.8
1980	1,540	100.0	62.6	45.2	11.1	6.2	53.2	9.4	37.4
1981	1,860	100.0	66.7	49.4	10.5	6.9	56.7	10.1	33.2
1982	2,422	100.0	69.2	51.7	10.6	6.8	54.3	14.7	30.8
1983	3,106	100.0	68.4	50.5	11.6	6.3	55.9	12.6	31.6
1984	2,031	100.0	67.0	49.8	10.9	6.3	56.7	5.4	33.0

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[1] The number of husbands in married-couple families shown here is smaller than the number shown as married, spouse present in other tables because it excludes married couples living in households where a relative is the householder.

[2] This category may also include a wife or other member who is unemployed.

[3] Includes members of the Armed Forces living off post or with their families on post.

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Table 58. Number of earners in families by relationship, type of families, and median family income, 1967-83

Number of earners and relationship	1967	1968	1969	1970	1971	1972
	Number of families (in thousands)					
MARRIED-COUPLE FAMILIES						
Total	43,292	43,842	44,436	44,832	45,939	46,594
No earners	2,943	2,888	3,022	3,252	3,471	3,632
One earner	16,490	16,375	16,268	16,117	16,847	16,787
Husband	15,429	15,310	15,133	14,931	15,502	15,387
Wife	716	730	797	867	1,004	1,003
Other family member	345	335	339	320	340	398
Two earners	17,419	18,022	18,267	18,592	18,805	19,413
Husband and wife	13,893	14,677	15,007	15,265	15,467	16,206
Husband and other family member	3,268	3,116	3,043	3,085	3,108	2,969
Husband is not an earner	258	228	218	242	231	238
Three or more earners	6,439	6,557	6,878	6,872	6,816	6,762
Husband and wife	4,994	5,066	5,320	5,245	5,174	5,073
Husband an earner, not wife	1,371	1,406	1,474	1,537	1,543	1,584
Husband is not an earner	74	86	84	90	100	105
OTHER FAMILIES						
Maintained by women[1]	5,333	5,439	5,580	5,968	6,226	6,660
No earners	1,074	1,130	1,195	1,326	1,511	1,649
One earner	2,304	2,441	2,471	2,648	2,707	3,002
Householder	1,476	1,605	1,698	1,919	1,917	2,149
Other family member	828	836	773	729	790	853
Two or more earners	1,424	1,869	1,913	1,993	2,008	2,008
Householder and other family member(s)	1,200	1,612	1,635	1,714	1,747	1,710
Householder is not an earner	225	256	278	278	261	298
Maintained by men[1]	1,210	1,229	1,221	1,261	1,358	1,461
No earners	129	128	119	132	156	159
One earner	512	494	512	530	635	624
Householder	395	378	390	414	482	494
Other family member	117	117	122	115	153	130
Two or more earners	568	607	589	600	567	677
Householder and other family member(s)	535	575	555	555	515	631
Householder is not an earner	33	32	34	45	52	46
	Median family income (in dollars)					
MARRIED-COUPLE FAMILIES						
Total	$8,441	$9,143	$10,001	$10,508	$10,975	$11,879
No earners	2,648	3,127	3,369	3,611	4,070	4,445
One earner	7,431	7,902	8,637	8,937	9,437	10,303
Husband	7,579	8,058	8,805	9,151	9,682	10,581
Wife	4,555	5,179	5,694	5,858	6,451	6,861
Other family member	6,160	7,189	7,341	7,456	7,941	8,943
Two earners	9,229	9,960	10,831	11,440	12,026	13,022
Husband and wife	9,083	9,861	10,662	11,260	11,856	12,839
Husband and other family member	10,033	10,623	11,986	12,651	13,257	14,282
Husband is not an earner	7,238	7,841	8,680	9,610	9,148	10,409
Three or more earners	12,056	13,090	14,396	15,529	16,423	18,369
Husband and wife	12,113	13,142	14,366	15,458	16,550	18,435
Husband an earner, not wife	12,054	13,172	14,638	16,186	16,313	18,432
Husband is not an earner	(2)	9,083	11,954	10,974	12,450	13,701
OTHER FAMILIES						
Maintained by women[1]	4,294	4,477	4,821	5,088	5,102	5,325
No earners	2,025	2,191	2,352	2,586	2,601	2,847
One earner	4,086	4,350	4,631	4,958	5,153	5,357
Householder	3,819	4,001	4,310	4,725	4,954	5,095
Other family member	4,667	5,005	5,594	5,632	5,731	6,226
Two or more earners	6,617	7,187	7,840	8,334	8,412	9,444
Householder and other family member(s)	6,533	7,210	7,764	8,276	8,436	9,377
Householder is not an earner	7,313	7,025	8,727	8,987	8,175	9,906
Maintained by men[1]	6,813	7,321	8,340	9,004	8,709	10,285
No earners	1,980	2,376	2,595	2,991	3,455	3,490
One earner	6,159	6,821	7,675	8,202	8,166	9,367
Householder	6,317	6,891	7,959	8,336	8,550	9,581
Other family member	5,600	6,489	7,146	7,883	7,070	8,477
Two or more earners	8,894	9,284	10,718	10,771	10,872	12,315
Householder and other family member(s)	9,164	9,321	10,671	10,757	10,683	12,335
Householder is not an earner	(2)	(2)	(2)	(2)	(2)	(2)

See footnotes at end of table.

Table 58. Number of earners in families by relationship, type of families, and median family income, 1967-83—Continued

Number of earners and relationship	1973	1974	1975	1976	1977	1978
	Number of families (in thousands)					
MARRIED-COUPLE FAMILIES						
Total	47,165	47,438	47,878	48,150	48,131	48,532
No earners	4,027	4,325	4,943	4,962	5,177	5,226
One earner	16,080	15,795	16,217	15,630	15,119	14,456
Husband	14,547	14,122	14,343	13,690	13,153	12,434
Wife	1,110	1,216	1,394	1,424	1,456	1,509
Other family member	423	457	481	516	512	513
Two earners	20,051	20,108	20,239	20,854	20,999	21,946
Husband and wife	16,776	16,915	17,204	17,758	17,950	19,063
Husband and other family member	2,998	2,889	2,652	2,623	2,641	2,434
Husband is not an earner	277	306	383	473	407	450
Three or more earners	7,027	7,211	6,478	6,705	6,836	6,904
Husband and wife	5,376	5,536	5,134	5,346	5,524	5,592
Husband an earner, not wife	1,537	1,553	1,209	1,206	1,171	1,175
Husband is not an earner	115	123	137	154	141	138
OTHER FAMILIES						
Maintained by women[1]	6,674	7,330	7,587	7,836	8,376	8,616
No earners	1,701	1,788	2,007	2,097	2,129	2,003
One earner	3,074	3,361	3,597	3,584	3,950	4,205
Householder	2,254	2,500	2,713	2,731	3,064	3,266
Other family member	821	861	883	852	886	939
Two or more earners	2,098	2,182	1,984	2,155	2,297	2,408
Householder and other family member(s)	1,823	1,898	1,732	1,885	2,016	2,138
Householder is not an earner	276	284	250	270	281	270
Maintained by men[1]	1,449	1,513	1,460	1,519	1,616	1,679
No earners	128	163	176	208	202	194
One earner	619	641	696	696	715	755
Householder	476	510	522	549	575	600
Other family member	143	132	174	147	141	155
Two or more earners	701	708	588	613	698	728
Householder and other family member(s)	658	677	550	582	664	685
Householder is not an earner	42	31	38	31	34	44
	Median family income (in dollars)					
MARRIED-COUPLE FAMILIES						
Total	$12,998	$13,809	$14,819	$16,297	$17,659	$19,342
No earners	4,840	5,530	5,921	6,585	6,953	7,870
One earner	11,211	11,943	12,689	13,816	15,012	16,581
Husband	11,493	12,346	13,117	14,409	15,777	17,431
Wife	7,574	8,238	8,752	9,312	10,467	11,168
Other family member	10,370	11,859	11,317	12,153	12,193	13,221
Two earners	14,110	15,095	16,583	17,919	19,373	21,179
Husband and wife	13,926	14,859	16,596	17,702	19,111	20,928
Husband and other family member	15,751	17,323	18,428	20,616	22,203	24,021
Husband is not an earner	11,309	11,651	14,591	13,351	15,416	18,002
Three or more earners	19,643	20,962	22,563	24,527	27,097	30,055
Husband and wife	19,693	21,030	22,544	24,515	26,914	29,946
Husband an earner, not wife	19,768	20,980	23,504	25,445	28,589	31,067
Husband is not an earner	14,044	15,044	15,229	20,102	20,166	26,894
OTHER FAMILIES						
Maintained by women[1]	5,774	6,386	6,812	7,173	7,722	8,488
No earners	3,176	3,355	3,575	3,779	3,892	4,065
One earner	5,740	6,299	7,061	7,475	7,934	8,287
Householder	5,407	5,929	6,797	7,238	7,671	8,022
Other family member	6,655	7,692	8,054	8,458	8,786	9,392
Two or more earners	9,739	10,460	12,196	12,371	13,672	15,622
Householder and other family member(s)	9,885	10,479	12,169	12,260	13,615	15,611
Householder is not an earner	8,710	10,381	12,306	13,638	14,353	15,721
Maintained by men[1]	10,714	11,702	12,955	12,813	14,484	15,960
No earners	3,718	3,989	4,876	5,720	5,583	6,149
One earner	9,357	10,762	11,967	11,888	13,054	13,704
Householder	9,974	10,902	12,460	12,241	13,770	13,935
Other family member	7,265	9,917	10,109	10,581	9,798	13,018
Two or more earners	12,583	15,007	16,517	16,669	18,614	21,952
Householder and other family member(s)	12,593	14,996	16,717	16,704	18,541	22,136
Householder is not an earner	(2)	(2)	(2)	(2)	(2)	(2)

See footnotes at end of table.

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Table 58. Number of earners in families by relationship, type of families, and median family income, 1967-83—Continued

Number of earners and relationship	1979	1980	1981	1982	1983
	Number of families (in thousands)				
MARRIED-COUPLE FAMILIES					
Total	49,132	49,316	49,669	49,947	50,143
No earners	5,559	5,903	6,213	6,427	6,579
One earner	13,912	13,900	13,832	14,235	13,680
Husband	11,934	11,621	11,524	11,575	11,094
Wife	1,499	1,707	1,680	2,048	1,944
Other family member	480	573	628	613	642
Two earners	22,359	22,446	22,613	22,306	23,061
Husband and wife	19,645	19,742	19,960	19,579	20,387
Husband and other family member	2,287	2,285	2,141	2,167	2,098
Husband is not an earner	428	419	512	560	576
Three or more earners	7,301	7,067	7,011	6,979	6,823
Husband and wife	5,950	5,815	5,769	5,808	5,741
Husband an earner, not wife	1,189	1,095	1,071	982	884
Husband is not an earner	163	157	172	189	198
OTHER FAMILIES					
Maintained by women[1]	9,009	9,416	9,712	9,828	10,265
No earners	2,084	2,216	2,385	2,625	2,749
One earner	4,391	4,612	4,680	4,568	4,788
Householder	3,455	3,620	3,644	3,546	3,745
Other family member	936	992	1,036	1,022	1,043
Two or more earners	2,534	2,589	2,648	2,634	2,729
Householder and other family member(s)	2,246	2,269	2,386	2,319	2,459
Householder is not an earner	288	320	262	315	270
Maintained by men[1]	1,769	1,969	2,009	2,059	2,093
No earners	225	244	258	273	275
One earner	788	891	906	915	980
Householder	634	726	730	746	808
Other family member	154	165	170	169	172
Two or more earners	755	835	845	871	838
Householder and other family member(s)	710	792	801	824	797
Householder is not an earner	45	43	44	46	41
	Median family income (in dollars)				
MARRIED-COUPLE FAMILIES					
Total	$21,545	$23,263	$25,065	$26,213	$27,614
No earners	8,855	10,187	11,295	12,141	12,940
One earner	18,073	19,368	20,641	21,716	22,671
Husband	18,850	20,472	21,702	22,976	23,920
Wife	12,527	13,612	15,245	15,628	17,404
Other family member	17,072	16,148	18,851	20,692	20,230
Two earners	23,474	25,684	28,095	29,481	30,850
Husband and wife	23,308	25,466	27,969	29,377	30,789
Husband and other family member	26,361	28,462	30,936	32,165	33,224
Husband is not an earner	18,957	21,142	21,157	22,841	25,283
Three or more earners	32,958	36,152	39,333	41,152	43,182
Husband and wife	32,811	36,147	39,345	41,415	43,554
Husband an earner, not wife	34,725	37,734	41,378	41,247	42,940
Husband is not an earner	24,964	27,951	27,073	29,989	32,718
OTHER FAMILIES					
Maintained by women[1]	9,719	10,233	10,802	11,345	11,531
No earners	4,245	4,494	4,757	4,787	4,878
One earner	9,513	10,350	10,988	11,773	11,955
Householder	9,181	10,117	10,766	11,421	11,527
Other family member	11,157	11,586	11,867	13,318	14,169
Two or more earners	16,937	18,673	19,884	21,238	22,083
Householder and other family member(s)	16,889	18,712	19,703	21,020	21,932
Householder is not an earner	17,316	18,270	23,040	24,120	23,597
Maintained by men[1]	16,533	17,743	19,771	19,968	21,529
No earners	7,241	7,790	8,787	7,331	7,875
One earner	14,347	15,577	18,729	17,811	19,172
Householder	14,436	16,066	19,910	17,975	19,784
Other family member	14,089	13,822	14,584	17,089	16,668
Two or more earners	22,936	23,785	25,283	27,276	29,994
Householder and other family member(s)	23,001	23,928	25,349	27,428	29,831
Householder is not an earner	([2])	([2])	([2])	([2])	([2])

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[1] Families maintained by widowed, divorced, separated, or single persons.

[2] Data not shown where base is less than 75,000.

NOTE: Data on the number and type of families are collected in March of the subsequent year. Income and earner status refer to the preceding calendar year.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian noninstitutional population (thousands)												
TOTAL													
Enrolled													
1947	8,927	4,898	3,364	(1)	(1)	587	947	4,029	3,373	(1)	(1)	420	236
1948	9,061	5,015	3,436	(1)	(1)	682	898	4,046	3,388	(1)	(1)	452	206
1949	8,846	4,866	3,447	(1)	(1)	593	827	3,981	3,331	(1)	(1)	435	215
1950	9,189	4,982	3,568	(1)	(1)	680	733	4,207	3,420	(1)	(1)	519	268
1951	9,036	4,750	3,614	(1)	(1)	534	602	4,286	3,602	(1)	(1)	440	244
1952	9,406	5,000	3,758	(1)	(1)	612	630	4,406	3,682	(1)	(1)	450	274
1953	9,700	5,122	3,844	2,214	1,630	642	636	4,579	3,695	2,145	1,550	538	346
1954	10,052	5,410	4,002	2,232	1,770	730	677	4,642	3,782	2,145	1,637	538	322
1955	10,212	5,534	4,006	2,285	1,811	752	686	4,677	3,873	2,231	1,642	480	324
1956	11,013	5,915	4,276	2,482	1,794	809	830	5,098	4,138	2,404	1,734	598	362
1957	11,812	6,323	4,646	2,729	1,917	780	897	5,489	4,421	2,599	1,822	629	439
1958	12,317	6,667	4,854	2,751	2,103	898	915	5,651	4,591	2,664	1,927	667	393
1959	12,719	6,849	5,039	2,716	2,323	918	892	5,870	4,796	2,603	2,193	683	391
1960	13,409	7,247	5,248	2,878	2,370	1,063	936	6,162	4,994	2,763	2,231	754	414
1961	14,582	7,863	5,705	3,394	2,311	1,170	988	6,719	5,458	3,227	2,231	782	479
1962	15,609	8,421	6,032	3,576	2,456	1,212	1,177	7,188	5,708	3,422	2,286	932	548
1963	16,592	8,947	6,402	3,466	2,936	1,180	1,365	7,645	6,115	3,347	2,768	881	649
1964	17,258	9,228	6,658	3,479	3,179	1,238	1,332	8,030	6,356	3,353	3,003	958	716
1965	18,323	9,861	6,613	3,546	3,067	1,689	1,559	8,462	6,420	3,434	2,986	1,241	801
1966	19,016	10,278	6,770	3,640	3,130	1,841	1,667	8,738	6,523	3,526	2,997	1,335	880
1967	19,663	10,471	6,973	3,738	3,235	1,636	1,862	9,192	6,663	3,635	3,028	1,390	1,139
1968	20,422	10,957	7,200	3,837	3,363	1,891	1,866	9,465	6,919	3,727	3,192	1,424	1,122
1969	21,184	11,332	7,375	3,923	3,452	1,886	2,071	9,852	7,078	3,819	3,259	1,465	1,309
1970	21,479	11,414	7,531	3,994	3,537	1,822	2,061	10,065	7,267	3,878	3,389	1,502	1,296
1971	22,350	11,899	7,732	4,084	3,647	1,942	2,226	10,451	7,439	3,967	3,472	1,617	1,395
1972	22,505	11,944	7,821	4,129	3,692	1,862	2,261	10,561	7,499	3,985	3,514	1,601	1,461
1973	22,422	11,815	7,881	4,156	3,724	1,791	2,143	10,607	7,550	3,986	3,564	1,499	1,558
1974	22,893	11,935	7,956	4,207	3,749	1,742	2,237	10,958	7,675	4,063	3,612	1,645	1,637
1975	23,797	12,436	8,105	4,251	3,853	1,954	2,377	11,361	7,721	4,088	3,632	1,827	1,814
1976	24,051	12,423	8,089	4,239	3,851	1,924	2,410	11,628	7,710	4,055	3,656	1,863	2,054
1977	23,978	12,422	8,022	4,173	3,849	1,939	2,461	11,556	7,683	4,010	3,673	1,847	2,027
1978	23,642	12,198	7,914	4,091	3,824	1,925	2,359	11,444	7,644	3,943	3,701	1,801	1,999
1979	23,337	11,999	7,793	3,959	3,834	1,899	2,307	11,338	7,405	3,712	3,603	1,822	2,111
1980	23,071	11,739	7,446	3,742	3,705	1,907	2,385	11,332	7,216	3,616	3,600	1,914	2,202
1981	23,051	11,794	7,309	3,644	3,665	2,018	2,467	11,257	7,065	3,493	3,567	1,958	2,234
1982	22,662	11,759	7,108	3,588	3,520	1,937	2,524	11,082	6,820	3,449	3,371	1,899	2,363
1983	22,449	11,559	7,021	3,617	3,404	1,956	2,582	10,891	6,770	3,476	3,294	1,983	2,138

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian noninstitutional population (thousands)												
TOTAL													
Not enrolled													
1947	15,330	6,808	900	(1)	(1)	1,282	4,626	8,521	855	(1)	(1)	1,848	5,818
1948	14,906	6,606	759	(1)	(1)	1,306	4,542	8,299	760	(1)	(1)	1,770	5,770
1949	14,782	6,574	729	(1)	(1)	1,286	4,558	8,208	797	(1)	(1)	1,748	5,664
1950	14,159	6,291	659	(1)	(1)	1,224	4,408	7,868	735	(1)	(1)	1,613	5,520
1951	13,034	5,340	628	(1)	(1)	1,114	3,598	7,694	628	(1)	(1)	1,626	5,440
1952	12,310	4,776	642	(1)	(1)	1,032	3,102	7,534	652	(1)	(1)	1,590	5,292
1953	11,731	4,442	585	83	502	1,063	2,795	7,289	652	75	577	1,542	5,094
1954	11,696	4,436	508	90	418	1,067	2,861	7,260	644	103	541	1,580	5,035
1955	11,980	4,655	526	103	423	1,018	3,111	7,326	674	90	584	1,655	4,997
1956	11,833	4,706	524	74	450	984	3,198	7,127	602	80	522	1,587	4,938
1957	11,917	4,794	455	57	398	1,021	3,318	7,123	612	102	510	1,611	4,900
1958	12,208	4,935	495	89	406	994	3,446	7,273	651	86	565	1,599	5,023
1959	12,613	5,240	479	61	418	1,097	3,664	7,373	594	80	514	1,655	5,124
1960	12,995	5,428	496	61	433	1,158	3,774	7,567	603	66	537	1,758	5,206
1961	13,465	5,638	485	67	418	1,237	3,916	7,827	570	93	477	1,950	5,307
1962	13,304	5,409	409	45	364	1,254	3,846	7,895	611	95	516	1,831	5,453
1963	13,572	5,495	395	46	349	1,135	3,965	8,077	563	67	496	1,847	5,667
1964	14,163	5,857	397	34	363	1,196	4,264	8,306	567	62	505	1,884	5,855
1965	14,435	5,887	455	35	420	1,351	4,081	8,548	496	44	452	2,048	6,004
1966	14,688	5,781	398	47	351	1,346	4,037	8,907	500	56	444	2,202	6,205
1967	14,904	5,889	389	66	323	1,272	4,228	9,015	532	67	465	2,061	6,422
1968	15,125	5,870	376	71	305	1,242	4,252	9,255	489	83	406	2,031	6,735
1969	15,550	6,084	390	75	315	1,288	4,406	9,466	527	72	455	2,040	6,899
1970	16,793	6,912	410	72	338	1,527	4,975	9,881	512	77	435	2,107	7,262
1971	17,451	7,350	381	52	329	1,567	5,402	10,101	504	62	442	2,112	7,485
1972	18,636	8,169	497	96	401	1,779	5,893	10,467	598	100	498	2,235	7,634
1973	19,653	8,833	529	88	442	1,945	6,359	10,820	644	119	525	2,434	7,742
1974	19,903	9,078	569	87	483	2,062	6,447	10,825	621	87	534	2,402	7,802
1975	19,874	9,073	464	69	396	1,965	6,644	10,801	614	83	531	2,315	7,872
1976	20,192	9,402	466	60	405	2,066	6,870	10,790	603	91	512	2,339	7,848
1977	20,660	9,607	488	56	431	2,061	7,058	11,053	583	69	514	2,356	8,114
1978	21,218	9,962	516	65	450	2,095	7,351	11,256	531	62	469	2,392	8,333
1979	21,566	10,208	455	65	390	2,174	7,579	11,358	592	82	510	2,385	8,381
1980	21,522	10,293	503	48	455	2,141	7,649	11,229	538	84	454	2,272	8,419
1981	21,184	10,083	441	66	375	1,978	7,664	11,101	455	82	373	2,161	8,485
1982	20,934	9,996	384	49	335	2,024	7,588	10,939	438	58	380	2,163	8,338
1983	20,649	9,829	364	59	305	1,921	7,544	10,819	363	62	301	1,959	8,497

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men							Women						
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian noninstitutional population (thousands)														
WHITE															
Enrolled															
1964	15,252	8,214	5,838	3,018	2,820	1,112	1,264	7,038	5,552	2,905	2,647	836	650
1965	16,161	8,769	5,770	3,073	2,697	1,520	1,479	7,392	5,557	2,961	2,596	1,108	727
1966	16,769	9,118	5,887	3,158	2,729	1,649	1,582	7,651	5,650	3,047	2,603	1,196	805
1967	17,243	9,224	6,065	3,247	2,818	1,435	1,724	8,019	5,770	3,142	2,628	1,226	1,023
1968	17,869	9,658	6,249	3,317	2,932	1,664	1,745	8,211	5,977	3,206	2,771	1,232	1,002
1969	18,499	9,977	6,397	3,384	3,013	1,673	1,907	8,522	6,093	3,273	2,820	1,263	1,163
1970	18,749	10,054	6,528	3,442	3,086	1,625	1,901	8,695	6,242	3,320	2,922	1,301	1,152
1971	19,324	10,379	6,675	3,521	3,155	1,694	2,010	8,945	6,365	3,387	2,979	1,384	1,195
1972	19,406	10,357	6,720	3,542	3,178	1,617	2,020	9,049	6,379	3,395	2,984	1,374	1,296
1973	19,285	10,221	6,751	3,559	3,193	1,554	1,916	9,063	6,411	3,383	3,029	1,292	1,360
1974	19,513	10,206	6,772	3,586	3,186	1,488	1,946	9,306	6,502	3,428	3,074	1,370	1,435
1975	20,243	10,672	6,895	3,609	3,287	1,659	2,118	9,570	6,510	3,441	3,070	1,526	1,534
1976	20,310	10,536	6,848	3,580	3,267	1,596	2,092	9,775	6,464	3,395	3,068	1,562	1,749
1977	20,161	10,497	6,765	3,518	3,247	1,623	2,109	9,665	6,426	3,357	3,069	1,530	1,702
1978	19,821	10,296	6,641	3,431	3,209	1,611	2,044	9,526	6,366	3,286	3,079	1,503	1,657
1979	19,595	10,109	6,517	3,308	3,209	1,591	2,001	9,486	6,161	3,157	3,004	1,514	1,811
1980	19,330	9,932	6,210	3,110	3,099	1,622	2,100	9,398	5,950	2,977	2,972	1,577	1,872
1981	19,216	9,883	6,083	3,030	3,053	1,653	2,147	9,333	5,812	2,875	2,937	1,642	1,879
1982	18,813	9,639	5,878	2,977	2,901	1,601	2,160	9,174	5,603	2,826	2,777	1,594	1,977
1983	18,640	9,636	5,791	3,000	2,791	1,630	2,215	9,003	5,558	2,857	2,701	1,655	1,790
Not enrolled															
1964	12,243	5,006	329	30	299	1,012	3,665	7,237	468	41	427	1,647	5,122
1965	12,467	5,017	375	29	346	1,164	3,478	7,450	421	33	388	1,784	5,245
1966	12,630	4,907	331	39	292	1,147	3,429	7,723	406	39	367	1,905	5,412
1967	12,835	5,020	315	49	266	1,076	3,629	7,815	427	48	379	1,770	5,618
1968	13,016	4,987	312	61	251	1,046	3,629	8,029	396	66	330	1,750	5,883
1969	13,357	5,163	319	64	255	1,074	3,770	8,194	438	60	378	1,755	6,001
1970	14,375	5,850	324	60	264	1,276	4,250	8,525	423	62	361	1,808	6,294
1971	15,045	6,293	314	38	276	1,343	4,636	8,752	428	55	373	1,823	6,501
1972	16,048	7,048	420	83	337	1,523	5,105	8,999	520	85	435	1,912	6,568
1973	16,797	7,571	450	72	378	1,657	5,464	9,226	542	99	443	2,057	6,626
1974	17,104	7,890	489	64	425	1,783	5,618	9,214	505	71	434	2,070	6,639
1975	17,009	7,791	379	54	325	1,691	5,720	9,218	505	67	438	1,985	6,728
1976	17,340	8,153	397	55	342	1,806	5,951	9,187	514	82	432	1,996	6,677
1977	17,746	8,337	431	48	383	1,783	6,123	9,409	495	54	441	2,011	6,903
1978	18,164	8,602	464	60	404	1,806	6,332	9,562	453	49	404	2,025	7,085
1979	18,331	8,785	407	58	349	1,867	6,511	9,547	481	60	421	2,020	7,045
1980	18,210	8,754	433	40	393	1,800	6,521	9,456	456	67	389	1,929	7,071
1981	17,914	8,614	374	52	322	1,703	6,537	9,300	375	64	311	1,796	7,129
1982	17,564	8,435	322	36	286	1,700	6,413	9,129	368	47	321	1,771	6,990
1983	17,221	8,248	306	51	255	1,586	6,356	8,974	307	47	260	1,581	7,086

See footnotes at end of table.

NEWARK PUBLIC LIBRARY

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian noninstitutional population (thousands)												
BLACK[2]													
Enrolled													
1964	2,005	1,013	820	461	359	126	67	992	804	448	356	122	66
1965	2,162	1,092	843	473	370	169	80	1,070	863	473	390	133	74
1966	2,247	1,160	883	482	401	192	85	1,087	873	479	394	139	75
1967	2,420	1,247	908	491	417	201	138	1,173	893	493	400	164	116
1968	2,553	1,299	951	520	431	227	121	1,254	942	521	421	192	120
1969	2,685	1,355	978	539	439	213	164	1,330	985	546	439	202	143
1970	2,729	1,360	1,003	552	451	197	160	1,369	1,024	558	466	201	144
1971	3,015	1,515	1,055	563	492	246	214	1,500	1,068	578	491	233	199
1972	3,078	1,577	1,098	585	512	242	238	1,501	1,111	585	526	226	164
1973	3,106	1,578	1,123	595	528	233	222	1,527	1,124	596	529	206	197
1974	3,340	1,712	1,178	619	559	249	285	1,627	1,152	624	528	273	202
1975	3,505	1,740	1,201	639	562	288	251	1,764	1,186	635	552	300	278
1976	3,677	1,858	1,232	653	579	320	306	1,820	1,217	644	572	299	304
1977	3,246	1,625	1,110	577	533	258	257	1,622	1,095	566	529	271	256
1978	3,198	1,586	1,115	574	541	257	214	1,613	1,096	562	533	247	270
1979	3,165	1,587	1,113	564	550	247	226	1,578	1,061	552	509	267	250
1980	3,108	1,497	1,068	545	523	225	204	1,611	1,069	534	534	284	258
1981	3,124	1,534	1,051	524	527	278	205	1,590	1,044	518	526	265	281
1982	3,088	1,504	1,015	508	507	255	234	1,583	1,028	517	511	245	310
1983	3,072	1,515	1,013	522	491	251	251	1,556	1,023	512	511	272	261
Not enrolled													
1964	1,921	852	68	4	64	184	600	1,069	99	21	78	237	733
1965	1,968	870	80	6	74	187	603	1,098	75	11	64	264	759
1966	2,058	874	67	8	59	199	608	1,184	94	17	77	297	793
1967	2,069	869	74	17	57	196	599	1,200	105	19	86	291	804
1968	2,109	883	64	10	54	196	623	1,226	93	17	76	281	852
1969	2,195	923	71	11	60	214	638	1,272	89	12	77	285	898
1970	2,417	1,062	86	12	74	251	725	1,355	89	15	74	299	967
1971	2,402	1,054	67	14	53	223	764	1,348	76	7	69	289	983
1972	2,581	1,116	77	13	64	256	783	1,465	77	15	62	323	1,064
1973	2,845	1,254	79	16	63	287	888	1,590	101	20	81	377	1,113
1974	2,787	1,182	80	23	57	278	823	1,605	115	16	99	332	1,158
1975	2,844	1,268	85	15	70	272	911	1,576	108	16	92	329	1,139
1976	2,831	1,235	69	6	63	258	908	1,596	88	9	79	344	1,164
1977	2,587	1,130	49	6	43	255	827	1,457	73	8	65	317	1,067
1978	2,722	1,210	48	6	42	255	907	1,513	74	12	62	338	1,100
1979	2,810	1,232	40	9	31	270	922	1,578	97	21	76	324	1,158
1980	2,888	1,331	62	9	53	302	967	1,557	73	15	58	310	1,174
1981	2,880	1,306	60	15	45	259	987	1,574	71	16	55	325	1,178
1982	2,942	1,353	55	12	43	294	1,004	1,591	60	9	51	352	1,179
1983	2,935	1,358	52	8	44	288	1,018	1,577	51	15	36	323	1,203
HISPANIC ORIGIN													
Enrolled													
1972	1,111	569	421	224	197	77	70	542	406	232	174	82	55
1973	1,069	540	382	207	175	88	70	529	401	221	181	66	62
1974	1,304	685	489	287	202	105	91	619	429	252	178	108	81
1975	1,339	705	482	244	237	120	104	634	443	227	217	98	92
1976	1,349	681	456	242	215	120	104	668	453	241	211	124	92
1977	1,328	719	513	269	244	103	103	609	421	220	200	108	81
1978	1,260	670	488	255	233	90	92	590	424	216	207	84	82
1979	1,335	699	484	263	221	111	105	636	447	248	199	95	93
1980	1,492	732	508	277	231	116	108	760	540	296	244	114	107
1981	1,548	784	559	267	292	103	122	764	529	297	232	125	110
1982	1,532	807	588	308	280	121	98	725	500	269	231	114	111
1983	1,595	802	553	313	240	108	141	792	535	278	257	146	111

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian noninstitutional population (thousands)												
HISPANIC ORIGIN													
Not enrolled													
1972	1,154	500	32	4	28	114	354	654	54	11	43	111	489
1973	1,131	511	33	7	26	103	375	620	78	18	60	134	409
1974	1,280	601	61	6	55	119	421	679	66	16	50	140	473
1975	1,169	514	39	7	32	112	363	655	56	15	41	167	433
1976	1,279	544	44	7	37	140	360	735	77	16	61	157	500
1977	1,370	608	32	2	30	138	438	762	67	9	58	174	521
1978	1,504	704	73	16	57	136	495	800	41	8	33	179	579
1979	1,532	706	48	9	39	150	508	826	61	10	51	163	602
1980	1,738	849	62	9	53	200	587	889	78	25	53	181	630
1981	1,736	838	76	22	54	184	578	898	68	13	55	193	637
1982	1,661	774	49	10	39	183	542	887	56	8	48	182	649
1983	1,608	760	39	7	32	159	562	849	50	18	32	161	638
	Civilian labor force (thousands)												
TOTAL													
Enrolled													
1947	(1)	(1)	744	(1)	(1)	149	(1)	(1)	393	(1)	(1)	89	(1)
1948	1,855	1,265	833	(1)	(1)	190	241	590	478	(1)	(1)	65	48
1949	1,877	1,197	775	(1)	(1)	163	258	680	502	(1)	(1)	106	72
1950	2,421	1,575	1,066	(1)	(1)	245	264	846	614	(1)	(1)	144	87
1951	2,290	1,428	1,012	(1)	(1)	172	244	862	656	(1)	(1)	126	80
1952	1,980	1,310	946	(1)	(1)	192	172	670	512	(1)	(1)	76	82
1953	1,888	1,226	855	382	473	206	165	662	474	197	277	96	92
1954	2,332	1,496	1,031	462	569	200	265	836	592	203	389	126	118
1955	2,706	1,801	1,185	510	675	330	286	905	634	282	352	135	136
1956	3,007	1,894	1,193	547	646	319	382	1,113	774	310	464	162	177
1957	3,161	1,990	1,276	582	694	299	415	1,171	795	310	485	167	209
1958	3,116	2,037	1,276	514	762	309	452	1,079	717	285	432	211	151
1959	3,373	2,128	1,353	574	779	330	445	1,245	872	575	515	196	177
1960	3,390	2,171	1,386	580	806	371	414	1,219	841	336	505	210	163
1961	3,551	2,223	1,352	617	735	382	489	1,328	900	439	461	235	198
1962	3,872	2,481	1,437	651	786	423	621	1,391	940	413	527	203	248
1963	4,220	2,711	1,597	608	989	433	681	1,509	1,007	348	659	253	249
1964	4,315	2,732	1,646	612	1,034	446	640	1,583	1,071	388	683	241	271
1965	5,075	3,213	1,838	698	1,140	611	764	1,862	1,185	410	775	360	317
1966	5,284	3,276	1,808	604	1,204	690	778	2,008	1,218	407	811	447	348
1967	5,842	3,544	1,967	643	1,324	656	921	2,298	1,367	525	842	433	493
1968	6,167	3,808	2,042	717	1,325	811	955	2,359	1,417	508	909	453	489
1969	6,750	3,966	2,074	664	1,410	821	1,071	2,784	1,606	516	1,090	537	641
1970	6,815	3,885	2,079	704	1,375	750	1,056	2,930	1,710	576	1,134	566	654
1971	7,235	4,310	2,307	841	1,466	836	1,168	2,925	1,665	578	1,087	598	662
1972	7,410	4,285	2,237	755	1,482	844	1,204	3,124	1,802	625	1,177	592	730
1973	7,864	4,477	2,491	846	1,645	813	1,172	3,387	2,032	679	1,353	571	784
1974	8,151	4,475	2,461	833	1,628	773	1,241	3,676	2,107	694	1,413	650	919
1975	8,183	4,400	2,363	756	1,608	818	1,219	3,774	2,024	613	1,411	750	999
1976	8,500	4,586	2,382	734	1,647	862	1,342	3,915	1,991	631	1,360	816	1,109
1977	8,955	4,839	2,609	854	1,755	899	1,331	4,116	2,134	702	1,432	842	1,140
1978	9,069	4,783	2,553	772	1,781	925	1,306	4,286	2,298	699	1,599	822	1,166
1979	8,887	4,661	2,532	775	1,757	800	1,329	4,227	2,192	633	1,559	836	1,199
1980	8,572	4,418	2,228	594	1,634	869	1,320	4,154	1,992	525	1,467	865	1,297
1981	8,405	4,343	2,088	540	1,548	900	1,355	4,062	1,857	513	1,344	914	1,291
1982	8,234	4,171	1,907	543	1,364	847	1,417	4,062	1,785	496	1,289	898	1,379
1983	7,919	4,083	1,735	520	1,215	912	1,436	3,836	1,710	516	1,194	912	1,214

See footnotes at end of table.

NEWARK PUBLIC LIBRARY

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian labor force (thousands)												
TOTAL													
Not enrolled													
1947	(1)	(1)	808	(1)	(1)	1,199	(1)	(1)	464	(1)	(1)	1,128	(1)
1948	10,421	6,304	680	(1)	(1)	1,248	4,376	4,117	422	(1)	(1)	1,040	2,655
1949	10,306	6,181	625	(1)	(1)	1,214	4,342	4,125	399	(1)	(1)	1,062	2,664
1950	10,049	5,958	578	(1)	(1)	1,172	4,209	4,091	380	(1)	(1)	979	2,732
1951	8,920	5,064	512	(1)	(1)	1,058	3,494	3,856	296	(1)	(1)	984	2,576
1952	8,194	4,438	566	(1)	(1)	960	2,912	3,756	350	(1)	(1)	960	2,446
1953	7,823	4,204	500	65	434	1,019	2,685	3,620	311	23	288	959	2,350
1954	7,691	4,044	407	52	355	955	2,682	3,647	257	29	228	957	2,433
1955	8,155	4,400	428	54	374	965	3,007	3,755	299	23	276	1,025	2,431
1956	8,073	4,390	422	40	382	892	3,076	3,683	282	23	259	959	2,442
1957	7,975	4,507	362	31	331	947	3,198	3,467	240	16	225	993	2,234
1958	8,296	4,643	399	56	343	924	3,320	3,653	284	26	258	949	2,420
1959	8,530	4,931	366	31	335	1,019	3,546	3,599	250	20	230	951	2,398
1960	8,913	5,124	383	27	356	1,075	3,666	3,789	297	24	273	1,060	2,432
1961	9,230	5,228	353	32	321	1,115	3,760	4,002	263	20	243	1,173	2,566
1962	9,149	5,071	304	26	278	1,065	3,702	4,078	235	12	223	1,130	2,713
1963	9,314	5,158	293	20	273	1,061	3,804	4,156	227	10	217	1,133	2,796
1964	9,892	5,490	273	10	263	1,100	4,117	4,402	233	18	215	1,135	3,034
1965	10,131	5,518	356	14	342	1,232	3,930	4,613	205	11	194	1,297	3,111
1966	10,333	5,414	276	18	258	1,192	3,946	4,119	208	12	196	1,385	3,326
1967	10,534	5,454	264	20	244	1,118	4,072	5,080	208	14	200	1,311	3,555
1968	10,637	5,336	240	23	217	1,091	4,005	5,301	175	17	158	1,278	3,848
1969	11,207	5,597	264	17	247	1,136	4,197	5,610	218	12	206	1,346	4,046
1970	12,208	6,317	285	29	256	1,324	4,708	5,891	189	10	179	1,342	4,360
1971	12,779	6,731	263	21	242	1,388	5,079	6,048	206	10	196	1,293	4,549
1972	14,020	7,514	328	25	303	1,597	5,589	6,506	249	16	233	1,465	4,792
1973	15,026	8,131	374	32	342	1,750	6,007	6,895	279	24	255	1,615	5,000
1974	15,508	8,402	409	32	377	1,851	6,142	7,106	307	22	285	1,661	5,138
1975	15,382	8,314	316	17	299	1,792	6,206	7,068	264	12	252	1,549	5,255
1976	15,888	8,617	314	16	298	1,838	6,465	7,271	261	27	234	1,639	5,371
1977	16,546	8,917	344	17	327	1,888	6,685	7,629	301	19	282	1,652	5,676
1978	17,236	9,229	343	19	324	1,932	6,954	8,007	291	17	274	1,709	6,008
1979	17,482	9,397	297	19	278	1,954	7,146	8,085	288	17	271	1,759	6,038
1980	17,501	9,418	338	14	324	1,906	7,175	8,083	254	24	230	1,664	6,165
1981	17,269	9,208	288	23	265	1,754	7,166	8,061	192	15	177	1,580	6,289
1982	16,900	9,065	258	8	250	1,721	7,086	7,836	193	10	183	1,556	6,087
1983	16,697	8,895	213	17	196	1,659	7,023	7,802	156	7	149	1,383	6,263

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian labor force (thousands)												
WHITE													
Enrolled													
1964	3,873	2,438	1,443	518	925	397	598	1,435	975	353	622	215	245
1965	4,615	2,911	1,627	602	1,025	557	727	1,704	1,080	373	707	335	289
1966	4,847	3,012	1,633	545	1,088	642	737	1,835	1,123	376	747	400	312
1967	5,240	3,193	1,756	578	1,178	593	844	2,047	1,252	483	769	359	436
1968	5,607	3,480	1,847	642	1,205	726	907	2,127	1,305	480	825	391	431
1969	6,142	3,624	1,897	612	1,285	730	997	2,518	1,476	483	993	465	577
1970	6,268	3,590	1,912	645	1,267	688	990	2,678	1,568	530	1,038	512	598
1971	6,634	3,968	2,139	788	1,352	747	1,081	2,666	1,545	536	1,008	534	587
1972	6,807	3,919	2,082	698	1,384	761	1,076	2,888	1,668	585	1,084	551	669
1973	7,262	4,127	2,326	796	1,530	741	1,059	3,135	1,922	649	1,273	511	702
1974	7,381	4,027	2,245	767	1,478	685	1,096	3,354	1,965	653	1,311	569	821
1975	7,432	4,048	2,220	708	1,512	725	1,102	3,385	1,864	570	1,294	657	863
1976	7,730	4,146	2,213	697	1,516	748	1,186	3,583	1,868	592	1,276	731	985
1977	8,109	4,375	2,417	797	1,620	783	1,176	3,734	1,984	656	1,329	742	1,007
1978	8,170	4,348	2,343	716	1,627	826	1,180	3,822	2,105	657	1,448	719	998
1979	8,026	4,228	2,343	728	1,615	716	1,169	3,798	2,010	600	1,409	743	1,045
1980	7,745	3,991	2,026	552	1,473	782	1,184	3,754	1,848	504	1,345	768	1,138
1981	7,558	3,947	1,954	515	1,439	789	1,204	3,611	1,684	466	1,218	796	1,131
1982	7,394	3,744	1,761	523	1,238	738	1,245	3,651	1,655	472	1,183	809	1,187
1983	7,157	3,675	1,592	476	1,116	815	1,268	3,481	1,591	500	1,091	813	1,077
Not enrolled													
1964	8,489	4,718	233	9	224	934	3,551	3,771	185	12	173	965	2,601
1965	8,680	4,705	291	10	281	1,061	3,353	3,975	179	7	172	1,153	2,643
1966	8,893	4,625	240	17	223	1,023	3,362	4,268	173	10	163	1,217	2,878
1967	9,098	4,680	219	18	201	945	3,516	4,418	185	11	174	1,144	3,089
1968	9,137	4,550	206	19	187	921	3,423	4,587	148	12	136	1,115	3,324
1969	9,604	4,766	214	14	200	960	3,592	4,838	187	10	177	1,179	3,472
1970	10,532	5,420	234	23	211	1,134	4,052	5,112	165	8	157	1,175	3,772
1971	11,087	5,802	226	13	213	1,194	4,383	5,284	184	10	174	1,142	3,958
1972	12,184	6,547	281	24	257	1,388	4,878	5,637	232	16	216	1,280	4,126
1973	13,007	7,024	328	28	300	1,497	5,199	5,983	250	24	226	1,426	4,307
1974	13,485	7,354	362	26	336	1,608	5,384	6,131	270	19	251	1,471	4,389
1975	13,425	7,259	265	14	251	1,568	5,426	6,166	220	11	209	1,369	4,577
1976	13,937	7,605	275	15	260	1,640	5,690	6,332	238	26	212	1,445	4,649
1977	14,446	7,836	312	16	296	1,663	5,861	6,610	277	19	258	1,440	4,894
1978	15,005	8,064	315	18	297	1,697	6,052	6,941	269	15	254	1,502	5,170
1979	15,179	8,191	272	19	253	1,705	6,214	6,988	248	14	234	1,554	5,185
1980	15,155	8,158	306	12	294	1,649	6,202	6,998	240	22	218	1,467	5,291
1981	14,934	8,019	261	23	238	1,548	6,210	6,915	174	13	161	1,362	5,379
1982	14,472	7,781	226	7	219	1,490	6,065	6,690	170	9	161	1,329	5,192
1983	14,311	7,606	177	15	162	1,415	6,014	6,706	145	7	138	1,176	5,385

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian labor force (thousands)												
BLACK[2]													
Enrolled													
1964	442	294	203	94	109	49	42	148	96	35	61	26	26
1965	460	302	211	96	115	54	37	158	105	37	68	25	28
1966	437	264	175	59	116	48	41	173	95	31	64	47	31
1967	602	351	211	65	146	63	77	251	115	42	73	74	62
1968	560	328	195	75	120	85	48	232	112	28	84	62	58
1969	608	342	177	52	125	91	74	266	130	33	97	72	64
1970	546	295	167	59	108	62	66	251	141	46	95	54	56
1971	599	341	167	53	114	88	86	258	119	41	78	64	74
1972	598	365	155	57	98	83	126	234	132	40	93	41	61
1973	596	347	165	49	115	71	111	249	108	29	79	60	81
1974	766	449	218	67	150	87	145	317	138	39	99	80	99
1975	732	347	143	47	95	92	112	385	156	42	114	93	135
1976	759	434	169	38	132	114	151	325	118	36	82	84	124
1977	661	372	167	46	122	99	105	289	112	34	78	80	97
1978	696	344	177	47	131	85	82	352	154	31	123	79	119
1979	700	349	157	37	120	71	122	350	147	22	124	80	123
1980	645	341	171	36	135	73	97	304	109	15	94	72	124
1981	648	295	112	17	95	80	103	353	136	33	103	91	126
1982	619	306	109	15	94	75	124	311	96	13	83	68	147
1983	565	284	101	34	67	67	116	281	94	9	85	75	112
Not enrolled													
1964	1,403	772	40	1	39	166	566	631	48	6	42	150	433
1965	1,451	813	65	4	61	171	577	638	26	4	22	144	468
1966	1,440	789	36	1	35	169	584	651	35	2	33	168	448
1967	1,436	774	45	2	43	173	556	662	29	3	26	167	466
1968	1,500	786	34	4	30	170	582	714	27	5	22	163	524
1969	1,603	831	50	3	47	176	605	772	31	2	29	167	574
1970	1,675	897	51	6	45	190	656	778	24	2	22	167	587
1971	1,689	926	37	8	29	194	695	763	22	–	22	151	590
1972	1,832	964	47	1	46	208	708	868	17	–	17	185	666
1973	2,011	1,101	45	4	41	252	804	910	29	–	29	190	691
1974	2,012	1,041	45	5	40	242	754	971	35	3	32	191	745
1975	1,944	1,045	50	3	47	221	774	898	44	1	43	180	674
1976	1,936	1,000	38	1	37	196	766	937	23	1	22	195	719
1977	1,877	967	25	–	25	210	732	910	24	–	24	192	694
1978	1,980	1,029	23	1	22	204	802	951	21	1	20	195	735
1979	1,988	1,043	17	–	17	219	808	945	32	3	29	176	737
1980	2,058	1,091	26	2	24	226	839	967	12	1	11	179	776
1981	2,084	1,065	20	–	20	194	851	1,019	14	1	13	197	808
1982	2,111	1,107	29	1	28	210	868	1,004	18	–	18	200	786
1983	2,021	1,098	34	2	32	208	856	923	11	–	11	176	736
HISPANIC ORIGIN													
Enrolled													
1972	298	175	97	30	67	33	45	123	53	18	35	39	31
1973	300	175	86	29	56	49	40	125	68	14	54	21	36
1974	328	206	90	25	65	53	62	122	59	18	41	31	32
1975	356	217	103	30	72	55	59	139	51	7	44	47	40
1976	378	214	97	27	71	54	63	164	66	21	45	54	45
1977	397	239	123	36	87	64	53	158	70	19	51	43	45
1978	406	235	119	28	92	49	67	171	74	11	63	45	52
1979	367	218	101	34	67	46	71	149	83	25	58	35	31
1980	442	248	112	41	72	60	76	194	89	21	68	42	64
1981	405	222	116	14	102	32	74	183	55	16	39	54	74
1982	384	198	199	35	64	39	60	184	67	20	47	53	64
1983	396	205	73	19	54	44	88	192	74	20	54	46	72

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Civilian labor force (thousands)												
HISPANIC ORIGIN													
Not enrolled													
1972	793	472	27	3	24	104	340	322	18	1	17	55	249
1973	740	457	22	2	20	90	345	283	26	3	23	65	192
1974	889	534	45	3	42	106	383	354	33	5	28	78	243
1975	796	465	29	3	26	104	333	331	13	3	10	88	230
1976	877	486	30	1	29	124	331	391	26	6	20	84	281
1977	953	570	24	–	24	127	419	384	29	–	29	82	273
1978	1,112	641	45	2	43	128	468	471	17	1	16	100	354
1979	1,154	651	31	3	28	141	480	502	24	–	24	100	378
1980	1,263	754	39	1	38	174	541	510	32	7	25	106	372
1981	1,292	746	47	9	38	165	534	546	25	4	21	110	411
1982	1,177	670	28	2	26	154	488	508	20	2	18	108	380
1983	1,159	690	25	4	21	142	523	467	14	–	14	92	361
	Labor force participation rate												
TOTAL													
Enrolled													
1947	(1)	(1)	22.1	(1)	(1)	25.4	(1)	(1)	11.7	(1)	(1)	21.2	(1)
1948	20.5	25.2	24.2	(1)	(1)	27.9	26.8	14.6	14.1	(1)	(1)	14.4	23.3
1949	21.2	24.6	22.5	(1)	(1)	27.5	31.2	17.1	15.1	(1)	(1)	24.5	33.5
1950	26.3	31.6	29.9	(1)	(1)	36.0	36.0	20.1	18.0	(1)	(1)	27.7	32.5
1951	25.3	30.0	28.0	(1)	(1)	32.2	40.5	20.1	18.2	(1)	(1)	28.6	32.8
1952	21.0	26.2	25.2	(1)	(1)	31.4	27.3	13.9	13.9	(1)	(1)	16.9	29.9
1953	19.5	23.9	22.2	17.3	29.0	32.1	25.9	14.5	12.8	9.2	17.9	17.8	26.6
1954	23.2	27.7	25.8	20.7	31.2	27.4	39.1	18.0	15.7	9.5	23.8	23.4	36.6
1955	26.5	32.5	28.9	22.3	37.3	43.9	41.7	19.4	16.4	12.5	21.4	28.1	42.0
1956	27.3	32.0	27.9	22.0	36.0	39.4	46.0	21.8	18.7	12.9	26.8	27.1	48.9
1957	26.8	31.5	27.5	21.3	36.2	38.3	46.3	21.3	18.0	11.9	26.6	26.6	47.6
1958	25.3	30.6	26.3	18.7	36.2	34.4	49.4	19.1	15.6	10.7	22.4	31.6	38.4
1959	26.5	31.1	26.9	21.1	33.5	35.9	49.9	21.2	18.2	13.7	23.5	28.7	45.3
1960	25.3	30.0	26.4	20.2	34.0	34.9	44.2	19.8	16.8	12.2	22.6	27.9	40.6
1961	24.4	28.3	23.7	18.2	31.8	32.6	49.5	19.8	16.5	13.6	20.7	30.1	40.3
1962	24.8	29.5	23.8	18.2	32.0	34.9	52.8	19.4	16.5	12.1	23.1	21.8	45.3
1963	25.4	30.3	24.9	17.5	33.7	36.7	49.9	19.7	16.5	10.4	23.8	28.7	38.4
1964	25.0	29.6	24.7	17.6	32.5	36.0	48.0	19.7	16.8	11.6	22.7	25.2	37.8
1965	27.7	32.6	27.8	19.7	37.2	36.2	49.0	22.0	18.5	11.9	26.0	29.0	39.6
1966	27.8	31.9	26.7	16.6	38.5	37.5	46.7	23.0	18.7	11.5	27.1	33.5	39.0
1967	29.7	33.8	28.2	17.2	40.9	40.1	49.5	25.0	20.5	14.4	27.8	31.2	43.7
1968	30.2	34.8	28.4	18.7	39.4	42.9	51.2	24.9	20.5	13.6	28.5	31.8	43.6
1969	31.9	35.0	28.1	16.9	40.8	43.5	51.7	28.3	22.7	13.5	33.4	36.7	49.0
1970	31.7	34.0	27.6	17.6	38.9	41.2	51.2	29.1	23.5	14.9	33.5	37.7	50.5
1971	32.4	36.2	29.8	20.6	40.2	43.1	52.5	28.0	22.4	14.6	31.3	37.0	47.4
1972	32.9	35.9	28.6	18.3	40.1	45.3	53.2	29.6	24.0	45.7	33.5	37.0	49.9
1973	35.0	37.9	31.7	20.3	44.2	45.4	54.7	31.9	26.9	17.0	38.0	38.1	50.3
1974	35.6	37.5	31.0	19.8	43.4	44.4	55.5	33.5	27.4	17.1	29.2	39.5	56.2
1975	34.3	35.3	29.2	17.7	41.7	41.9	51.2	33.2	26.2	15.0	38.9	41.1	55.1
1976	35.4	37.0	29.5	17.4	42.8	44.8	55.7	33.6	25.9	15.5	37.2	43.8	53.9
1977	37.4	39.0	32.6	20.6	45.6	46.4	54.0	35.6	27.9	17.5	39.0	45.6	56.2
1978	38.4	39.3	32.3	19.0	46.6	48.1	55.3	37.5	30.2	17.7	43.3	45.7	58.3
1979	38.2	38.9	32.6	19.7	45.8	42.1	57.7	37.3	29.7	16.6	43.4	45.9	56.8
1980	37.2	37.6	30.0	15.9	44.1	45.6	55.3	36.7	27.7	14.5	40.9	45.2	58.9
1981	36.5	36.8	28.6	14.8	42.2	44.6	54.9	36.1	26.3	14.6	37.7	46.7	57.8
1982	36.3	36.0	26.8	15.1	38.8	43.7	55.9	36.7	26.1	14.4	38.2	47.3	58.4
1983	35.3	35.3	24.7	14.4	35.7	46.6	55.6	35.2	25.3	14.8	36.2	46.0	56.8

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Labor force participation rate												
TOTAL													
Not enrolled													
1947	(1)	(1)	89.8	(1)	(1)	93.5	(1)	(1)	54.3	(1)	(1)	61.0	(1)
1948	69.9	95.4	89.6	(1)	(1)	95.6	96.3	49.6	55.5	(1)	(1)	58.8	46.0
1949	96.7	94.0	85.7	(1)	(1)	94.4	95.3	50.2	50.1	(1)	(1)	60.8	47.0
1950	71.0	94.7	87.7	(1)	(1)	95.8	95.5	52.0	51.7	(1)	(1)	60.7	49.5
1951	68.4	94.8	81.5	(1)	(1)	95.0	97.1	50.1	47.1	(1)	(1)	60.5	47.4
1952	66.6	92.9	88.2	(1)	(1)	93.0	92.9	49.9	53.7	(1)	(1)	60.4	46.2
1953	66.7	94.6	85.5	(3)	86.5	95.9	96.1	49.7	47.7	(3)	49.9	62.2	46.1
1954	65.8	91.2	80.1	(3)	84.9	89.5	93.7	50.2	39.9	28.2	42.1	60.6	48.3
1955	68.1	94.5	81.4	52.4	88.4	94.8	96.7	51.3	44.4	(3)	47.3	61.9	48.6
1956	68.2	93.3	80.5	(3)	84.1	90.7	96.2	51.7	46.8	(3)	49.6	60.4	49.5
1957	66.9	94.0	79.6	(3)	83.2	92.8	96.4	48.7	39.2	15.7	44.1	61.6	45.6
1958	68.0	94.1	80.6	(3)	84.5	93.0	96.3	50.2	43.6	(3)	45.7	59.3	48.2
1959	67.6	94.1	76.4	(3)	80.1	92.9	96.8	48.8	42.1	(3)	44.7	57.5	46.8
1960	68.6	94.4	77.2	(3)	81.8	92.8	97.1	50.1	49.3	(3)	50.8	60.3	46.7
1961	68.5	92.7	72.8	(3)	76.8	90.1	96.0	51.1	46.1	(3)	50.9	60.2	48.4
1962	68.8	93.8	74.3	(3)	76.4	92.3	96.3	51.7	38.5	(3)	43.2	61.7	49.8
1963	68.6	93.9	74.2	(3)	78.2	93.5	95.9	51.5	40.3	(3)	43.8	61.3	49.3
1964	69.8	93.7	68.8	(3)	72.5	92.0	96.6	53.0	41.1	(3)	42.6	60.2	51.8
1965	70.2	93.7	78.2	(3)	81.4	91.2	96.3	54.0	41.3	(3)	42.9	63.3	51.8
1966	70.3	93.7	69.3	(3)	73.5	88.6	97.7	55.2	41.6	(3)	44.1	62.9	53.6
1967	70.7	92.6	67.9	(3)	75.5	87.9	96.3	56.4	40.2	(3)	43.0	63.6	55.4
1968	70.3	90.9	63.8	(3)	71.1	87.8	94.2	57.3	35.8	20.5	38.9	62.9	57.1
1969	72.1	92.0	67.7	22.7	78.4	88.2	95.3	59.3	41.4	(3)	45.3	66.0	58.6
1970	72.7	91.4	69.5	(3)	75.7	86.7	94.6	59.6	36.9	13.0	41.1	63.7	60.0
1971	73.2	91.6	69.0	(3)	73.5	88.6	94.0	59.8	41.0	(3)	44.4	61.2	60.7
1972	75.2	92.0	66.0	26.0	75.5	89.7	94.9	62.1	41.7	16.0	46.8	65.5	62.7
1973	76.4	92.1	70.7	36.4	77.5	90.0	94.5	63.7	43.3	20.2	48.7	66.4	64.5
1974	77.9	92.6	72.0	36.8	78.2	89.8	95.4	65.6	49.4	25.3	53.4	69.2	65.8
1975	77.3	91.7	68.1	(3)	75.6	91.2	93.5	65.4	43.0	14.5	47.4	66.9	66.6
1976	78.6	91.6	67.5	(3)	73.7	88.9	94.1	67.2	43.3	29.7	45.6	70.0	68.3
1977	80.1	92.8	70.6	(3)	76.0	91.6	94.7	68.9	51.8	(3)	54.9	70.1	69.9
1978	81.2	92.6	66.6	(3)	72.1	92.2	94.6	71.0	55.0	(3)	58.5	71.4	72.1
1979	81.1	92.0	65.3	(3)	71.4	89.9	94.3	71.1	48.7	20.7	53.2	73.8	72.0
1980	81.3	91.4	67.3	(3)	71.4	89.0	93.8	71.9	47.2	28.6	50.6	73.3	73.2
1981	81.5	91.3	65.3	(3)	70.7	88.7	93.5	72.6	42.2	18.3	47.5	73.1	74.1
1982	80.7	90.7	67.2	(3)	74.6	85.0	93.4	71.6	44.1	(3)	48.2	71.9	73.0
1983	80.9	90.5	58.5	(3)	64.3	86.4	93.1	72.1	43.0	(3)	49.5	70.6	73.7

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Labor force participation rate												
WHITE													
Enrolled													
1964	25.4	29.7	24.7	17.2	32.8	35.7	47.3	20.4	17.6	12.2	23.5	25.7	37.7
1965	28.6	33.2	28.2	19.6	38.0	36.6	49.2	23.1	19.4	12.6	27.2	30.2	39.8
1966	28.9	33.0	27.7	17.3	39.9	38.9	46.6	24.0	19.9	12.3	28.7	33.4	38.8
1967	30.4	34.6	29.0	17.8	41.8	41.3	49.0	25.5	21.7	15.4	29.3	29.3	42.6
1968	31.4	36.0	29.6	19.4	41.1	43.6	52.0	25.9	21.8	15.0	29.8	31.7	43.0
1969	33.2	36.3	29.7	18.1	42.6	43.6	52.3	29.5	24.2	14.8	35.2	36.8	49.5
1970	33.4	35.7	29.3	18.7	41.1	42.3	52.1	30.7	25.1	16.0	35.5	39.4	51.9
1971	34.3	38.2	32.0	22.3	42.8	44.1	53.8	29.8	24.3	15.8	34.1	38.6	49.1
1972	35.0	37.8	30.9	19.7	43.5	47.1	53.2	31.9	26.1	17.2	36.8	40.1	51.6
1973	37.6	40.3	34.4	22.4	47.9	47.7	55.3	34.6	30.0	19.2	42.8	39.6	51.6
1974	37.8	39.4	33.1	21.4	46.3	46.1	56.4	36.0	30.2	19.1	43.8	41.6	57.2
1975	36.7	37.9	32.1	19.6	46.0	43.8	52.0	35.3	28.6	16.5	43.6	43.1	56.2
1976	38.1	39.3	32.3	19.5	46.4	46.8	56.7	36.7	29.0	17.4	43.2	46.8	56.3
1977	40.3	41.7	35.8	22.7	49.9	48.2	55.8	38.7	30.9	19.5	45.3	48.4	59.2
1978	41.3	42.3	35.3	20.9	50.7	51.2	57.8	40.2	33.2	20.0	49.4	47.9	60.2
1979	41.0	41.9	36.0	22.1	50.4	45.0	58.6	40.1	32.7	19.0	49.6	49.1	57.7
1980	40.1	40.1	32.6	17.8	47.5	48.2	56.4	40.0	31.1	16.9	48.1	48.8	60.8
1981	39.3	39.9	32.1	17.0	47.1	47.7	56.1	38.7	29.0	16.2	44.5	48.5	60.2
1982	39.3	38.8	30.0	17.6	42.7	46.1	57.6	39.8	29.5	16.7	42.6	50.8	60.0
1983	38.4	38.1	27.5	15.9	40.0	50.0	57.2	38.7	28.6	17.5	40.4	49.1	60.2
Not enrolled													
1964	69.3	94.2	70.8	(3)	74.9	92.3	96.9	52.1	39.5	(3)	40.5	59.8	50.8
1965	69.6	93.8	77.6	(3)	81.2	91.2	96.4	53.4	42.5	(3)	44.3	64.6	50.4
1966	70.4	94.3	72.5	(3)	76.4	89.2	98.0	55.3	42.6	(3)	44.4	63.9	53.2
1967	70.9	93.2	69.5	(3)	75.6	87.8	96.9	56.5	43.3	(3)	45.9	64.6	55.0
1968	70.2	91.2	66.0	(3)	74.5	88.0	94.3	57.1	37.4	(3)	41.2	63.7	56.5
1969	71.9	92.3	67.1	(3)	78.4	89.4	95.3	59.0	42.7	(3)	46.8	67.2	57.9
1970	73.3	92.6	72.2	(3)	79.9	88.9	95.3	60.0	39.0	(3)	43.5	65.0	59.9
1971	73.7	92.2	71.9	(3)	77.1	88.9	94.5	60.3	43.1	(3)	46.8	62.6	60.8
1972	75.8	92.7	66.7	28.9	76.1	91.1	95.6	62.6	44.6	18.8	49.7	66.9	62.7
1973	77.4	92.7	73.0	(3)	79.5	90.3	95.1	64.8	46.1	24.2	50.9	69.3	64.9
1974	78.8	93.2	74.1	(3)	79.1	90.2	95.9	66.5	53.6	(3)	57.9	71.1	66.0
1975	78.9	93.2	69.9	(3)	77.2	92.7	94.9	66.8	43.5	(3)	47.6	69.0	67.9
1976	80.3	93.3	69.3	(3)	76.1	90.9	95.6	68.9	46.4	31.7	49.1	72.3	69.5
1977	81.4	94.0	72.4	(3)	77.3	93.3	95.7	70.2	56.0	(3)	58.5	71.5	70.8
1978	82.6	93.7	63.8	(3)	73.4	94.0	95.6	72.6	59.6	(3)	63.1	74.1	72.9
1979	82.8	93.2	67.0	(3)	72.6	91.3	95.5	73.2	51.7	(3)	55.6	76.9	73.6
1980	83.2	93.2	70.8	(3)	74.9	91.7	95.2	74.0	52.7	(3)	56.0	76.0	74.8
1981	83.4	93.1	69.8	(3)	73.9	90.9	95.0	74.4	46.4	(3)	51.8	75.8	75.5
1982	82.4	92.2	70.2	(3)	76.6	87.6	94.6	73.3	46.2	(3)	50.2	75.0	74.3
1983	83.1	92.2	57.8	(3)	63.5	89.2	94.6	74.7	47.2	(3)	53.1	74.4	76.0

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Labor force participation rate												
BLACK[2]													
Enrolled													
1964	22.0	29.0	24.8	20.4	30.4	38.9	(3)	14.9	11.9	7.8	17.1	21.3	(3)
1965	21.3	27.7	25.0	20.3	31.1	32.0	(3)	14.8	12.2	7.8	17.4	18.8	(3)
1966	19.4	22.8	19.8	12.2	28.9	25.0	(3)	15.9	10.9	6.5	16.2	33.8	(3)
1967	24.9	28.1	23.2	13.2	35.0	31.3	55.8	21.4	12.9	8.5	18.2	45.1	53.4
1968	21.9	25.3	20.5	14.4	27.8	37.4	39.7	18.5	11.9	5.4	20.0	32.3	48.3
1969	22.6	25.2	18.1	9.6	28.5	42.7	45.1	20.0	13.2	6.0	22.1	35.6	44.8
1970	20.0	21.7	16.7	10.7	23.9	31.5	41.3	18.3	13.8	8.2	20.4	26.9	38.9
1971	19.8	22.6	15.8	9.4	23.2	36.0	39.9	17.2	11.1	7.1	15.9	27.6	37.4
1972	19.4	23.1	14.2	9.7	19.1	34.3	53.2	15.6	11.9	6.8	17.6	17.9	37.0
1973	19.1	22.0	14.7	8.3	21.8	30.6	50.0	16.3	9.5	4.9	14.9	29.0	41.1
1974	22.9	26.3	18.5	10.9	26.8	35.0	50.7	19.4	11.9	6.2	18.8	29.3	48.9
1975	20.9	20.0	11.9	7.4	16.9	32.2	44.5	21.8	13.1	6.6	20.8	31.1	48.6
1976	20.6	23.4	13.8	5.7	22.8	35.8	49.2	17.9	9.7	5.6	14.2	27.9	40.6
1977	20.4	22.9	15.1	7.9	22.8	38.7	40.6	17.8	10.3	6.1	14.6	29.4	37.8
1978	21.8	21.7	16.0	8.1	24.2	33.1	37.6	21.8	14.1	5.6	23.1	31.9	44.0
1979	22.1	22.1	14.1	6.6	21.8	28.9	53.9	22.1	13.7	4.0	24.6	30.0	49.3
1980	20.7	22.7	16.1	6.6	25.8	32.3	47.5	18.9	10.2	2.9	17.5	25.0	48.0
1981	20.7	19.2	10.7	3.2	18.0	28.8	50.2	22.2	13.0	6.4	19.6	34.3	44.8
1982	20.0	20.5	10.7	3.0	18.5	29.4	53.0	19.6	9.3	2.5	16.2	27.8	47.4
1983	18.4	18.7	10.0	6.5	13.6	26.7	46.2	18.1	9.2	1.8	16.6	27.6	42.9
Not enrolled													
1964	73.0	90.6	(3)	(3)	(3)	90.2	94.3	59.0	(3)	(3)	(3)	63.3	59.1
1965	73.7	93.4	(3)	(3)	(3)	91.4	95.7	58.1	(3)	(3)	(3)	54.5	61.7
1966	70.0	90.3	(3)	(3)	(3)	84.9	96.1	55.0	(3)	(3)	(3)	56.6	56.5
1967	69.4	89.1	(3)	(3)	(3)	88.3	92.8	55.2	27.6	(3)	30.2	57.4	58.0
1968	71.1	89.0	(3)	(3)	(3)	86.7	93.4	58.2	29.0	(3)	28.9	58.0	61.5
1969	73.0	90.0	(3)	(3)	(3)	82.2	94.8	60.7	34.8	(3)	37.7	58.6	63.9
1970	69.3	84.5	59.3	(3)	(3)	75.7	90.5	57.4	27.0	(3)	(3)	55.9	60.7
1971	70.3	87.9	(3)	(3)	(3)	86.9	91.0	56.6	28.9	(3)	(3)	52.1	60.0
1972	71.0	86.4	61.0	(3)	(3)	81.5	90.5	59.2	22.1	(3)	(3)	57.3	62.5
1973	70.7	87.8	57.0	(3)	(3)	88.1	90.5	57.2	28.7	(3)	35.8	50.4	62.0
1974	72.2	88.2	56.3	(3)	(3)	87.3	91.7	60.5	30.4	(3)	32.3	57.4	64.3
1975	68.2	82.4	58.8	(3)	(3)	81.6	84.9	56.9	40.7	(3)	46.7	54.4	59.1
1976	68.3	80.9	(3)	(3)	(3)	75.8	84.3	58.5	26.1	(3)	27.8	56.8	61.6
1977	72.5	85.7	(3)	(3)	(3)	82.6	88.7	62.3	(3)	(3)	(3)	60.6	64.9
1978	72.7	85.2	(3)	(3)	(3)	80.1	88.6	62.7	(3)	(3)	(3)	57.5	66.7
1979	70.6	84.8	(3)	(3)	(3)	81.2	87.7	59.7	33.0	(3)	38.2	54.0	63.9
1980	71.2	81.9	(3)	(3)	(3)	75.0	86.8	62.0	(3)	(3)	(3)	57.7	66.0
1981	72.4	81.5	(3)	(3)	(3)	74.9	86.2	64.7	(3)	(3)	(3)	60.6	68.6
1982	71.8	81.8	(3)	(3)	(3)	71.4	86.5	63.1	(3)	(3)	(3)	56.8	66.7
1983	68.9	80.9	(3)	(3)	(3)	72.2	84.1	58.5	(3)	(3)	(3)	54.5	61.2
HISPANIC ORIGIN													
Enrolled													
1972	26.8	30.8	23.1	13.6	33.9	43.1	(3)	22.6	13.1	7.8	20.3	47.6	(3)
1973	28.0	32.4	22.4	14.2	32.1	55.7	(3)	23.6	16.8	6.4	29.8	(3)	(3)
1974	25.2	30.1	18.4	8.8	31.9	50.5	68.1	19.7	13.6	7.2	23.0	28.9	39.5
1975	26.6	30.7	21.4	12.4	30.3	45.8	56.7	21.9	11.5	3.1	20.4	48.4	43.4
1976	28.0	31.5	21.3	11.0	32.9	45.0	60.6	24.6	14.7	8.8	21.5	43.3	48.9
1977	30.0	33.3	24.1	13.3	35.8	62.1	51.5	25.9	16.8	8.7	25.9	39.5	55.3
1978	32.4	35.2	24.5	10.9	39.5	54.2	72.9	29.2	17.7	5.1	30.4	53.5	63.5
1979	27.5	31.2	20.8	12.9	30.2	41.6	67.6	23.4	18.6	10.2	29.4	36.4	33.3
1980	29.8	34.1	22.3	14.9	31.2	51.7	70.7	25.6	16.5	7.1	28.2	36.7	59.5
1981	26.2	28.3	20.8	5.2	34.9	31.1	60.7	24.0	10.4	5.4	16.8	43.2	67.3
1982	25.1	24.5	16.8	11.4	22.9	32.2	61.2	25.4	13.4	7.4	20.3	46.5	57.7
1983	24.8	25.6	13.2	6.1	22.5	40.7	62.4	24.2	13.8	7.2	21.0	31.5	64.9

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Labor force participation rate												
HISPANIC ORIGIN													
Not enrolled													
1972	68.7	94.4	(2)	(2)	(2)	91.2	96.0	49.2	(2)	(2)	(2)	49.5	50.9
1973	65.4	89.4	(2)	(2)	(2)	87.3	92.0	45.6	33.3	(2)	(2)	48.5	46.9
1974	69.5	88.9	(2)	(2)	(2)	89.1	91.0	52.1	(2)	(2)	(2)	55.7	51.4
1975	68.1	90.5	(2)	(2)	(2)	92.9	91.7	50.5	(2)	(2)	(2)	52.7	53.1
1976	68.6	89.3	(2)	(2)	(2)	88.6	91.9	53.2	33.8	(2)	(2)	53.5	56.2
1977	69.6	93.8	(2)	(2)	(2)	92.0	95.7	50.4	(2)	(2)	(2)	47.1	52.4
1978	73.9	91.1	(2)	(2)	(2)	94.1	94.5	58.9	(2)	(2)	(2)	55.9	61.1
1979	75.3	92.2	(2)	(2)	(2)	94.0	94.5	60.8	(2)	(2)	(2)	61.3	62.8
1980	72.7	88.8	(2)	(2)	(2)	87.0	92.2	57.4	41.0	(2)	(2)	58.6	59.0
1981	74.4	89.0	61.8	(2)	(2)	89.7	92.4	60.8	(2)	(2)	(2)	57.0	64.5
1982	70.9	86.6	(2)	(2)	(2)	84.2	90.0	57.3	(2)	(2)	(2)	59.3	58.7
1983	72.1	90.8	(2)	(2)	(2)	89.3	93.1	55.0	(2)	(2)	(2)	57.1	56.6
	Employed (thousands)												
TOTAL													
Enrolled													
1947	1,600	1,090	724	(1)	(1)	141	225	510	381	(1)	(1)	84	45
1948	1,794	1,219	814	(1)	(1)	182	223	575	468	(1)	(1)	61	46
1949	1,761	1,113	724	(1)	(1)	156	234	648	477	(1)	(1)	105	67
1950	2,331	1,522	1,028	(1)	(1)	232	262	809	585	(1)	(1)	139	86
1951	2,208	1,370	968	(1)	(1)	166	236	838	638	(1)	(1)	124	76
1952	1,914	1,266	910	(1)	(1)	186	170	648	492	(1)	(1)	74	82
1953	1,822	1,179	815	375	440	201	163	643	467	197	270	89	87
1954	2,206	1,396	964	441	523	187	245	810	573	199	374	121	116
1955	2,556	1,700	1,124	491	633	297	279	856	598	263	335	124	134
1956	2,856	1,792	1,131	530	601	299	362	1,064	733	306	427	158	173
1957	2,983	1,869	1,202	556	646	275	392	1,114	750	298	452	161	203
1958	2,886	1,866	1,171	475	696	281	414	1,020	677	280	397	198	145
1959	3,145	1,971	1,250	549	701	299	422	1,174	818	347	471	185	171
1960	3,150	2,006	1,278	561	717	332	396	1,144	783	326	457	197	164
1961	3,255	2,025	1,211	571	640	343	471	1,230	831	423	408	216	183
1962	3,562	2,282	1,317	617	700	382	583	1,280	870	392	478	181	229
1963	3,841	2,485	1,446	580	866	393	646	1,356	904	320	584	223	229
1964	3,933	2,508	1,501	571	930	408	599	1,425	961	379	582	215	249
1965	4,652	2,920	1,657	656	1,001	536	727	1,732	1,111	403	708	326	295
1966	4,914	3,044	1,657	564	1,093	634	753	1,870	1,134	395	739	404	332
1967	5,244	3,150	1,692	556	1,136	582	876	2,094	1,251	500	751	383	460
1968	5,616	3,457	1,808	641	1,167	737	912	2,159	1,293	485	808	404	462
1969	6,049	3,583	1,846	618	1,228	739	998	2,466	1,399	469	930	466	601
1970	5,967	3,371	1,775	627	1,148	635	961	2,596	1,488	534	954	488	620
1971	6,313	3,749	1,946	754	1,192	736	1,068	2,563	1,440	488	916	517	607
1972	6,501	3,771	1,911	658	1,253	749	1,111	2,731	1,549	496	983	505	676
1973	6,984	3,961	2,147	740	1,407	722	1,092	3,023	1,766	525	1,135	511	746
1974	7,099	3,924	2,102	728	1,374	689	1,133	3,174	1,768	469	1,157	557	850
1975	6,978	3,764	1,988	660	1,328	703	1,073	3,214	1,676	358	1,141	633	906
1976	7,333	3,924	1,968	640	1,328	737	1,219	3,409	1,680	341	1,128	704	1,024
1977	7,723	4,180	2,170	688	1,482	778	1,232	3,544	1,783	357	1,180	710	1,050
1978	7,901	4,141	2,121	641	1,480	798	1,222	3,760	1,962	333	1,347	715	1,083
1979	7,724	4,047	2,158	675	1,483	689	1,191	3,676	1,831	222	1,291	735	1,111
1980	7,382	3,745	1,797	485	1,312	733	1,214	3,638	1,678	106	1,220	768	1,191
1981	7,189	3,728	1,731	466	1,265	760	1,237	3,461	1,518	43	1,087	742	1,201
1982	6,859	3,387	1,460	432	1,028	690	1,237	3,472	1,458	433	1,025	740	1,274
1983	6,720	3,427	1,382	432	950	755	1,290	3,293	1,404	457	947	782	1,107

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Employed (thousands)												
TOTAL													
Not enrolled													
1947	10,161	6,009	719	(1)	(1)	1,110	4,180	4,152	422	(1)	(1)	1,074	2,656
1948	9,903	5,969	627	(1)	(1)	1,154	4,187	3,934	392	(1)	(1)	993	2,548
1949	9,221	5,466	521	(1)	(1)	1,068	3,878	3,754	349	(1)	(1)	948	2,457
1950	9,527	5,679	515	(1)	(1)	1,100	4,064	3,848	342	(1)	(1)	904	2,601
1951	8,532	4,864	474	(1)	(1)	1,010	3,380	3,668	264	(1)	(1)	924	2,480
1952	7,800	4,230	506	(1)	(1)	924	2,800	3,570	316	(1)	(1)	894	2,360
1953	7,499	4,033	442	63	379	971	2,620	3,466	278	21	258	909	2,279
1954	7,070	3,702	343	44	299	892	2,467	3,368	206	25	181	862	2,300
1955	7,651	4,141	357	52	305	908	2,876	3,510	270	21	249	951	2,289
1956	7,593	4,135	360	31	329	845	2,930	3,458	255	18	237	893	2,310
1957	7,399	4,135	304	24	280	844	2,987	3,264	209	16	193	933	2,122
1958	7,368	4,073	303	48	255	771	2,999	3,295	222	22	200	845	2,228
1959	7,702	4,445	277	28	249	865	3,303	3,257	212	17	195	826	2,219
1960	8,017	4,604	312	21	291	898	3,394	3,413	237	16	221	922	2,254
1961	8,199	4,660	276	24	252	945	3,439	3,539	213	19	194	1,003	2,823
1962	8,275	4,616	258	22	236	927	3,431	3,659	193	12	181	991	2,475
1963	8,292	4,677	234	17	217	904	3,539	3,615	152	10	142	964	2,499
1964	8,930	5,006	234	10	224	954	3,818	3,924	174	15	159	961	2,789
1965	9,359	5,169	300	14	286	1,104	3,765	4,190	159	11	148	1,119	2,912
1966	9,585	5,131	225	17	208	1,002	3,814	4,454	153	10	143	1,210	3,091
1967	9,661	5,117	208	14	194	998	3,911	4,544	166	10	156	1,100	3,278
1968	9,835	5,012	201	17	184	987	3,824	4,823	133	16	117	1,118	3,577
1969	10,383	5,257	223	14	209	1,035	3,999	5,126	160	9	151	1,198	3,768
1970	10,875	5,613	209	26	183	1,137	4,267	5,262	136	9	127	1,122	4,004
1971	11,374	6,011	199	17	182	1,186	4,627	5,363	143	6	137	1,077	4,143
1972	12,532	6,795	256	23	232	1,407	5,132	5,737	189	15	174	1,241	4,307
1973	13,779	7,550	295	24	271	1,576	5,679	6,229	224	19	205	1,392	4,633
1974	13,823	7,544	320	25	295	1,567	5,658	6,278	233	20	213	1,380	4,665
1975	13,087	7,086	205	12	193	1,458	5,423	6,001	168	11	157	1,254	4,579
1976	13,670	7,488	223	10	213	1,517	5,748	6,182	169	21	148	1,336	4,677
1977	14,569	7,964	253	14	239	1,621	6,090	6,606	232	16	216	1,352	5,022
1978	15,488	8,366	243	17	226	1,707	6,416	7,122	216	14	202	1,440	5,466
1979	15,581	8,493	239	14	226	1,686	6,568	7,088	207	15	192	1,445	5,436
1980	15,053	8,008	247	11	236	1,545	6,215	7,045	183	20	163	1,370	5,492
1981	14,684	7,804	205	14	191	1,395	6,204	6,880	125	13	112	1,230	5,525
1982	13,766	7,319	142	5	137	1,291	5,886	6,447	136	9	127	1,144	5,167
1983	14,040	7,430	149	13	136	1,272	6,009	6,613	100	6	94	1,058	5,455

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Employed (thousands)												
WHITE													
Enrolled													
1964	3,578	2,263	1,330	492	838	367	566	1,315	896	353	543	190	229
1965	4,267	2,666	1,484	576	908	490	692	1,601	1,024	368	656	309	268
1966	4,552	2,820	1,518	517	1,001	588	714	1,732	1,061	368	693	370	301
1967	4,792	2,897	1,552	506	1,046	539	806	1,895	1,164	469	695	326	405
1968	5,182	3,207	1,676	593	1,083	665	866	1,975	1,209	462	747	357	409
1969	5,567	3,296	1,700	571	1,129	666	930	2,271	1,314	449	865	414	543
1970	5,562	3,152	1,657	581	1,076	593	902	2,410	1,388	504	884	453	569
1971	5,902	3,514	1,842	721	1,121	671	1,001	2,388	1,363	496	867	478	547
1972	6,081	3,498	1,814	621	1,193	689	994	2,584	1,478	551	927	480	625
1973	6,529	3,692	2,040	709	1,331	661	992	2,836	1,687	614	1,073	471	678
1974	6,567	3,597	1,964	698	1,267	627	1,006	2,969	1,697	593	1,104	502	771
1975	6,436	3,503	1,891	635	1,256	633	979	2,933	1,572	508	1,064	563	798
1976	6,790	3,596	1,859	614	1,245	655	1,082	3,194	1,617	538	1,079	647	930
1977	7,151	3,857	2,053	663	1,389	704	1,100	3,295	1,708	582	1,126	641	945
1978	7,280	3,829	1,982	606	1,376	728	1,118	3,452	1,857	601	1,256	649	946
1979	7,129	3,735	2,031	645	1,386	637	1,068	3,393	1,735	524	1,211	669	990
1980	6,802	3,458	1,679	463	1,216	672	1,107	3,344	1,590	449	1,141	692	1,062
1981	6,612	3,430	1,647	452	1,195	684	1,099	3,182	1,425	407	1,018	682	1,075
1982	6,292	3,116	1,381	418	963	621	1,114	3,177	1,378	418	960	679	1,119
1983	6,197	3,142	1,302	406	896	679	1,161	3,054	1,344	445	899	711	999
Not enrolled													
1964	7,738	4,322	205	9	196	819	3,298	3,416	141	10	131	854	2,421
1965	8,088	4,432	247	10	237	968	3,217	3,656	142	7	135	1,014	2,500
1966	8,336	4,404	198	17	181	942	3,264	3,932	136	8	128	1,085	2,711
1967	8,432	4,433	174	12	162	858	3,401	3,999	145	8	137	986	2,868
1968	8,551	4,325	178	13	165	851	3,296	5,226	117	11	106	992	3,117
1969	8,988	4,502	179	11	168	885	3,438	4,486	142	7	135	1,083	3,261
1970	9,514	4,873	174	21	153	991	3,708	4,641	123	7	116	1,015	3,503
1971	10,000	5,248	172	10	162	1,039	4,037	4,752	132	6	126	967	3,652
1972	11,046	5,962	223	22	201	1,244	4,495	5,084	181	15	166	1,126	3,777
1973	12,106	6,605	263	21	242	1,372	4,970	5,501	205	19	186	1,266	4,030
1974	12,222	6,699	292	21	271	1,397	5,010	5,523	211	17	194	1,252	4,060
1975	11,648	6,294	190	12	177	1,318	4,786	5,354	153	10	143	1,142	4,058
1976	12,225	6,737	196	10	187	1,406	5,135	5,488	164	20	144	1,202	4,114
1977	13,017	7,138	231	12	219	1,480	5,427	5,879	217	16	201	1,230	4,432
1978	13,749	7,434	226	15	211	1,535	5,673	6,315	205	14	191	1,311	4,799
1979	13,773	7,497	222	14	208	1,503	5,772	6,276	189	13	176	1,318	4,769
1980	13,349	7,087	228	11	217	1,386	5,473	6,262	180	19	161	1,264	4,819
1981	13,070	6,965	189	14	175	1,282	5,494	6,105	117	11	106	1,120	4,868
1982	12,206	6,490	126	5	121	1,168	5,196	5,715	125	8	118	1,035	4,555
1983	12,482	6,561	128	11	117	1,143	5,290	5,921	97	6	91	980	4,844

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Employed (thousands)												
BLACK[2]													
Enrolled													
1964	355	245	171	79	92	41	33	110	65	26	39	25	20
1965	385	254	173	80	93	46	35	131	87	35	52	17	27
1966	362	224	139	47	92	46	39	138	73	27	46	34	31
1967	452	253	140	50	90	43	70	199	87	31	56	57	55
1968	434	250	132	48	84	72	46	184	84	23	61	47	53
1969	482	287	146	47	99	73	68	195	85	20	65	52	58
1970	403	219	118	46	72	42	59	184	98	30	68	35	51
1971	408	234	104	38	71	64	66	174	76	27	49	39	59
1972	416	270	96	48	59	59	115	146	70	15	55	24	52
1973	449	263	106	47	75	61	97	185	78	17	61	39	68
1974	519	319	136	51	106	60	123	200	68	17	51	53	78
1975	533	253	95	51	71	68	90	280	102	26	76	68	109
1976	528	317	106	58	81	80	131	211	62	13	49	55	95
1977	422	241	93	55	77	62	86	181	52	14	38	55	75
1978	460	235	113	72	85	56	65	226	81	9	72	49	96
1979	451	230	94	68	75	40	96	221	74	11	63	55	92
1980	422	210	92	70	77	47	71	212	62	6	56	53	97
1981	408	211	69	67	62	49	93	197	61	12	49	42	94
1982	387	180	54	10	44	39	87	207	51	5	46	41	115
1983	356	183	45	15	30	48	90	172	38	5	33	50	84
Not enrolled													
1964	1,192	684	29	1	28	135	520	508	33	5	28	107	368
1965	1,271	737	53	4	49	136	548	534	17	4	13	105	412
1966	1,249	727	27	–	27	150	550	522	17	2	15	125	380
1967	1,229	684	34	2	32	140	510	545	21	2	19	114	410
1968	1,284	687	23	4	19	136	528	597	16	5	11	121	460
1969	1,395	755	44	3	41	160	561	640	18	2	16	115	507
1970	1,361	740	35	5	30	146	559	621	13	2	11	107	501
1971	1,371	761	27	7	20	147	588	610	11	–	11	109	489
1972	1,481	829	32	1	31	162	635	652	7	–	7	116	529
1973	1,665	939	32	3	29	203	704	725	19	–	19	126	580
1974	1,586	837	28	4	24	169	640	749	21	3	18	128	600
1975	1,425	782	15	–	15	138	629	643	14	1	13	112	517
1976	1,433	743	27	–	27	111	605	690	4	1	3	127	559
1977	1,347	720	14	–	14	126	580	627	11	–	11	107	509
1978	1,519	817	13	1	12	151	653	703	9	–	9	119	575
1979	1,522	847	12	–	12	159	676	675	11	2	9	101	563
1980	1,456	775	15	–	15	133	626	681	1	1	–	92	589
1981	1,405	733	10	–	10	103	620	672	4	1	3	96	572
1982	1,295	686	13	–	13	108	565	610	8	–	8	90	513
1983	1,267	711	20	2	18	105	586	556	3	–	3	67	486
HISPANIC ORIGIN													
Enrolled													
1972	244	141	75	27	48	26	40	103	37	15	22	35	30
1973	239	148	68	20	48	41	39	90	44	9	35	14	33
1974	271	169	63	18	45	46	59	102	46	11	35	27	29
1975	289	177	80	24	55	45	52	112	38	4	34	36	38
1976	296	166	68	21	48	49	49	130	48	16	32	46	36
1977	318	195	96	26	70	53	47	123	45	10	35	36	42
1978	338	200	91	16	75	42	67	139	50	6	44	40	48
1979	296	186	82	24	58	40	64	110	52	21	31	29	30
1980	359	200	83	30	53	51	67	159	67	18	49	35	57
1981	341	184	88	14	74	29	67	157	48	12	36	46	63
1982	288	145	60	20	40	34	52	143	39	14	25	45	59
1983	320	170	58	15	43	34	78	151	53	10	43	38	60

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Employed (thousands)												
HISPANIC ORIGIN													
Not enrolled													
1972	688	406	21	2	19	84	301	282	15	1	14	51	215
1973	662	411	16	–	16	81	314	251	23	1	22	53	175
1974	783	478	38	2	36	84	356	305	25	5	20	64	216
1975	637	378	20	4	16	75	283	259	11	3	8	68	180
1976	736	412	23	–	23	99	290	324	22	4	18	71	231
1977	830	504	20	–	20	99	385	326	21	–	21	68	237
1978	971	561	31	2	29	101	429	410	13	–	13	85	312
1979	995	567	24	2	22	128	415	428	13	–	13	81	335
1980	1,092	644	30	1	29	136	479	448	22	8	14	90	336
1981	1,087	625	29	5	24	126	470	462	17	2	15	84	361
1982	924	522	14	–	14	115	394	401	14	2	12	72	315
1983	952	563	18	2	16	108	437	387	10	–	10	69	308
	Unemployed (thousands)												
TOTAL													
Enrolled													
1947	(1)	(1)	20	(1)	(1)	8	(1)	(1)	12	(1)	(1)	5	(1)
1948	61	46	19	(1)	(1)	9	19	15	10	(1)	(1)	3	6
1949	116	84	51	(1)	(1)	8	25	32	25	(1)	(1)	2	5
1950	89	53	38	(1)	(1)	13	2	36	29	(1)	(1)	6	2
1951	82	58	44	(1)	(1)	6	8	24	18	(1)	(1)	2	4
1952	66	44	36	(1)	(1)	6	2	22	(1)	(1)	(1)	2	–
1953	66	47	40	7	33	5	2	18	7	–	7	7	2
1954	126	100	67	21	46	13	20	26	19	4	15	5	2
1955	150	101	61	19	42	33	7	49	36	19	17	11	4
1956	151	102	62	17	45	20	20	49	41	4	37	4	6
1957	178	121	74	26	48	24	23	57	45	12	33	6	6
1958	230	171	105	39	66	28	38	59	40	5	35	13	2
1959	228	157	103	25	78	31	23	71	54	10	44	11	6
1960	240	165	108	19	89	39	18	75	58	10	48	13	4
1961	296	198	141	46	95	39	18	98	69	16	53	19	10
1962	310	199	120	34	86	41	38	111	70	21	49	22	19
1963	379	226	151	28	123	40	35	153	103	28	75	30	20
1964	382	224	145	41	104	38	41	158	110	9	101	26	22
1965	423	293	181	42	139	75	37	130	74	7	67	34	22
1966	370	232	151	40	111	56	25	138	84	12	72	43	11
1967	598	394	275	87	188	74	45	204	116	25	91	50	38
1968	551	351	234	76	158	74	43	200	124	23	101	49	27
1969	701	383	228	46	182	82	73	318	207	47	160	71	40
1970	848	514	304	77	227	115	95	334	222	42	180	78	34
1971	922	561	361	87	274	100	100	362	225	54	171	81	55
1972	909	515	326	96	230	96	93	394	253	58	194	88	54
1973	880	516	344	105	239	91	81	365	266	48	218	61	38
1974	1,060	555	360	106	254	85	109	505	340	83	257	94	71
1975	1,196	635	374	94	280	115	145	562	351	79	272	119	92
1976	1,171	664	414	93	321	127	124	506	309	78	231	112	85
1977	1,226	658	438	165	273	120	101	568	350	98	252	131	87
1978	1,167	642	430	129	301	129	83	524	335	83	252	106	83
1979	1,161	613	373	99	274	112	128	548	359	91	269	101	87
1980	1,195	674	430	108	322	137	107	520	315	66	249	99	107
1981	1,217	616	357	73	284	141	118	601	340	82	258	172	89
1982	1,375	785	447	111	336	157	181	590	326	62	264	159	105
1983	1,201	657	354	89	265	157	146	545	306	60	246	130	109

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Unemployed (thousands)												
TOTAL													
Not enrolled													
1947	(1)	(1)	89	(1)	(1)	89	(1)	(1)	42	(1)	(1)	54	(1)
1948	519	335	53	(1)	(1)	94	189	184	29	(1)	(1)	48	107
1949	1,085	714	104	(1)	(1)	146	464	371	50	(1)	(1)	114	207
1950	522	279	63	(1)	(1)	72	144	243	38	(1)	(1)	74	131
1951	388	200	38	(1)	(1)	48	114	188	32	(1)	(1)	60	96
1952	394	208	60	(1)	(1)	36	112	186	34	(1)	(1)	66	86
1953	324	171	58	2	56	48	66	152	32	2	30	50	71
1954	621	342	68	8	56	63	215	279	51	4	47	95	133
1955	504	259	71	2	69	57	131	245	29	2	27	74	142
1956	480	255	62	9	53	47	146	225	27	5	22	66	132
1957	576	372	58	7	51	103	211	203	31	–	32	60	112
1958	928	570	96	8	88	153	321	358	62	4	58	104	192
1959	828	486	89	3	86	154	243	342	38	3	35	125	179
1960	896	520	71	6	65	177	272	376	60	8	52	138	178
1961	1,031	568	77	8	69	170	321	463	50	1	49	170	243
1962	874	455	46	4	42	138	271	419	42	–	42	139	238
1963	1,022	481	59	3	56	157	265	541	75	–	75	169	297
1964	962	484	39	–	39	146	299	478	59	3	56	174	245
1965	772	349	56	–	56	128	165	423	46	–	46	178	199
1966	748	283	51	1	50	100	132	465	55	2	53	175	235
1967	873	337	56	6	50	120	161	536	48	4	44	211	277
1968	802	324	30	6	33	104	181	478	42	1	41	165	271
1969	824	340	41	3	38	101	198	484	58	3	55	148	278
1970	1,333	704	76	3	73	187	441	629	53	1	52	220	356
1971	1,405	719	64	4	60	202	453	686	63	4	59	216	406
1972	1,490	720	73	2	71	190	457	770	61	1	59	224	486
1973	1,249	581	79	8	71	174	328	668	56	5	51	224	388
1974	1,688	858	89	6	83	284	485	830	74	2	72	282	474
1975	2,299	1,229	112	5	106	333	784	1,070	97	2	95	294	678
1976	2,220	1,128	92	8	85	319	717	1,092	93	7	86	304	696
1977	1,983	954	93	5	88	266	595	1,029	72	4	68	300	657
1978	1,751	862	103	5	98	223	536	889	76	4	72	270	543
1979	1,911	906	59	7	52	268	579	1,005	85	4	81	316	604
1980	2,451	1,410	92	4	88	359	959	1,041	72	5	67	295	675
1981	2,591	1,405	83	9	74	359	963	1,186	68	3	65	351	767
1982	3,133	1,745	116	3	113	429	1,199	1,388	57	2	55	411	92
1983	2,656	1,466	64	4	60	388	1,014	1,189	55	–	55	325	809

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men							Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Unemployed (thousands)												
WHITE													
Enrolled													
1964	295	175	113	26	87	30	32	120	79	–	79	25	16
1965	348	245	143	26	117	67	35	103	56	5	51	26	21
1966	295	192	115	28	87	54	23	103	62	8	54	30	11
1967	448	296	204	72	132	54	38	152	88	14	74	33	31
1968	425	273	171	49	122	61	41	152	96	18	78	34	22
1969	575	328	197	41	156	64	67	247	162	34	128	51	34
1970	706	438	255	64	191	95	88	268	180	26	154	59	29
1971	731	454	298	67	231	76	80	277	182	40	141	56	40
1972	725	420	267	76	191	72	82	305	190	33	157	71	44
1973	733	433	286	87	199	81	67	299	236	36	200	39	24
1974	813	428	279	69	210	59	90	385	268	61	207	66	50
1975	995	542	326	70	256	93	123	453	295	63	232	93	65
1976	938	549	352	82	270	92	105	389	252	55	197	81	56
1977	957	517	362	133	229	79	76	440	277	73	204	101	63
1978	879	517	356	108	248	97	63	373	248	54	194	70	55
1979	895	489	309	82	227	79	100	406	277	77	200	73	56
1980	942	529	342	87	255	110	77	413	259	54	206	75	75
1981	942	514	305	62	243	105	104	428	258	58	200	114	56
1982	1,101	628	318	105	276	117	131	473	275	53	222	129	68
1983	961	534	290	70	220	136	108	427	249	56	193	101	78
Not enrolled													
1964	751	396	28	–	28	115	253	355	44	2	42	131	180
1965	592	273	44	–	44	93	136	319	37	–	37	139	143
1966	557	221	42	–	42	81	98	336	37	2	35	132	167
1967	666	247	45	6	39	87	115	419	40	3	27	158	221
1968	586	225	28	6	22	70	127	361	31	1	30	123	207
1969	616	264	35	3	32	75	154	352	45	3	42	96	211
1970	1,018	547	60	2	58	143	344	471	42	1	41	160	269
1971	1,087	555	54	3	51	155	345	532	52	4	48	175	305
1972	1,138	585	58	2	56	144	384	553	50	1	49	154	349
1973	902	420	66	7	59	125	229	482	46	5	40	160	277
1974	1,264	657	71	5	66	211	374	608	60	2	57	219	329
1975	1,783	968	78	3	74	251	639	815	68	2	65	227	520
1976	1,718	873	81	7	75	235	557	845	75	7	69	235	535
1977	1,430	698	82	5	77	183	434	731	59	4	56	211	461
1978	1,257	633	91	5	86	162	380	624	63	2	62	191	369
1979	1,405	696	52	7	45	202	441	709	60	2	58	235	414
1980	1,809	1,071	79	2	77	263	730	738	61	5	56	204	473
1981	1,866	1,055	73	9	64	266	716	811	58	3	55	242	511
1982	2,267	1,291	99	2	97	322	869	976	46	2	44	294	637
1983	1,829	1,044	49	4	45	272	723	785	47	–	47	196	541

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Unemployed (thousands)												
BLACK[2]													
Enrolled													
1964	87	49	32	15	17	8	9	38	31	9	22	1	6
1965	75	48	38	16	22	8	2	27	18	2	16	8	1
1966	75	40	36	12	24	2	2	35	22	4	18	13	–
1967	150	98	71	15	56	20	7	52	28	11	17	17	7
1968	126	78	63	27	36	13	2	48	28	5	23	15	5
1969	126	55	31	5	26	18	6	71	45	13	32	20	6
1970	143	76	49	13	36	20	7	67	43	16	27	19	5
1971	190	107	63	20	43	24	20	83	43	14	29	25	15
1972	182	94	59	20	39	24	11	87	62	25	37	16	9
1973	145	83	58	18	40	10	14	63	29	12	17	20	13
1974	244	129	81	37	44	26	21	116	69	22	47	26	20
1975	198	94	48	24	24	22	23	104	53	16	37	24	26
1976	225	114	63	12	51	34	18	111	55	22	33	28	29
1977	239	130	74	29	45	37	20	108	60	20	40	26	23
1978	232	106	63	18	45	28	16	125	73	22	51	31	22
1979	245	119	63	18	45	30	26	127	74	12	62	24	29
1980	217	128	78	20	58	25	25	89	45	8	37	18	26
1981	238	82	43	10	33	30	9	156	76	22	54	49	31
1982	231	128	54	5	49	36	37	103	45	8	37	27	31
1983	209	100	55	19	36	19	26	109	56	4	52	24	29
Not enrolled													
1964	211	88	11	–	11	31	46	123	15	1	14	43	65
1965	180	76	12	–	12	35	29	104	9	–	9	39	56
1966	191	62	9	1	8	19	34	129	18	–	18	43	68
1967	207	90	11	–	11	33	46	117	8	1	7	53	56
1968	216	99	11	–	11	34	54	117	11	–	11	42	64
1969	208	76	6	–	6	26	44	132	13	–	13	52	67
1970	314	157	16	1	15	44	97	157	11	–	11	60	86
1971	318	165	10	1	9	47	107	154	11	–	11	41	101
1972	352	134	15	–	15	46	74	217	10	–	10	70	137
1973	347	161	13	1	12	49	99	186	10	–	10	64	112
1974	427	204	17	1	16	74	113	223	14	–	14	63	146
1975	519	263	34	2	32	83	145	257	30	–	30	67	159
1976	505	255	11	1	10	84	161	249	19	–	19	69	162
1977	528	244	10	–	10	82	152	284	12	–	12	85	187
1978	463	214	9	–	9	54	151	249	11	1	10	76	162
1979	465	195	5	–	5	59	130	271	22	2	20	73	176
1980	605	316	12	2	10	92	213	288	11	–	11	88	190
1981	681	332	10	–	10	91	231	349	10	–	10	102	237
1982	814	420	16	1	15	102	302	395	11	–	11	110	274
1983	754	386	14	–	14	103	269	366	8	–	8	109	249
HISPANIC ORIGIN													
Enrolled													
1972	55	34	23	4	19	7	4	20	15	2	13	4	1
1973	60	28	18	8	10	8	2	32	24	5	19	5	3
1974	58	39	27	7	20	7	5	19	13	7	6	3	3
1975	69	42	23	6	17	11	8	27	13	3	10	12	2
1976	84	50	30	7	23	5	15	34	20	7	13	7	7
1977	79	44	27	10	17	12	5	35	26	10	16	7	2
1978	68	35	29	12	17	6	–	33	24	5	19	5	4
1979	69	33	19	10	9	6	8	37	31	5	26	6	–
1980	81	49	32	12	20	9	8	32	21	3	18	6	5
1981	63	37	28	–	28	3	6	26	8	4	4	9	9
1982	96	54	39	15	24	6	9	42	29	6	23	8	6
1983	75	35	15	5	10	11	9	40	21	10	11	8	12

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Unemployed (thousands)												
HISPANIC ORIGIN													
Not enrolled													
1972	103	64	5	–	5	19	40	40	4	–	4	3	32
1973	78	45	5	2	3	9	31	33	3	2	1	12	18
1974	108	56	7	1	6	22	27	52	8	–	8	15	29
1975	159	86	8	–	8	28	50	72	3	–	3	19	50
1976	138	73	6	1	5	24	43	66	4	2	2	13	49
1977	120	62	3	–	3	26	33	58	9	1	8	12	37
1978	139	78	14	–	14	24	40	61	5	2	3	13	43
1979	153	80	5	1	4	12	63	72	11	1	10	18	44
1980	166	106	7	–	7	36	63	61	12	1	11	14	35
1981	203	118	16	3	13	38	64	85	8	3	5	25	52
1982	253	147	14	2	12	39	94	106	6	–	6	35	65
1983	206	126	6	1	5	34	85	80	5	–	5	23	52
	Unemployment rate												
TOTAL													
Enrolled													
1947	(1)	(1)	2.7	(1)	(1)	5.4	(1)	(1)	3.1	(1)	(1)	5.6	(1)
1948	3.3	3.6	2.3	(1)	(1)	4.7	7.9	2.5	2.1	(1)	(1)	(3)	(3)
1949	6.2	7.0	6.6	(1)	(1)	4.9	9.7	4.7	5.0	(1)	(1)	1.9	(3)
1950	3.7	3.4	3.6	(1)	(1)	5.3	.8	4.3	4.7	(1)	(1)	4.2	(3)
1951	3.6	4.1	4.3	(1)	(1)	3.5	3.3	3.0	2.7	(1)	(1)	1.6	(3)
1952	3.3	3.4	3.8	(1)	(1)	3.1	1.2	3.4	3.9	(1)	(1)	(3)	–
1953	3.5	3.8	4.7	1.8	7.0	2.4	1.2	2.7	1.5	–	2.5	(3)	(3)
1954	5.4	6.7	6.5	4.5	8.1	6.5	7.5	3.1	3.2	2.0	3.9	4.0	1.7
1955	5.5	5.6	5.1	3.7	6.2	10.0	2.4	5.4	5.7	6.7	4.8	8.1	1.5
1956	5.0	5.4	5.2	3.1	7.0	6.3	5.2	4.4	5.3	1.3	8.0	2.5	2.3
1957	5.6	6.1	5.8	4.5	6.9	8.0	5.5	4.9	5.7	3.9	6.8	3.6	2.9
1958	7.4	8.4	8.2	7.6	8.7	9.1	8.4	5.5	5.6	1.8	8.1	6.2	4.0
1959	6.8	7.4	7.6	4.4	10.0	9.4	5.2	5.7	6.2	2.8	8.5	5.6	3.4
1960	7.1	7.6	7.8	3.3	11.0	10.5	4.3	6.2	6.9	3.0	9.5	6.2	2.4
1961	8.3	8.9	10.4	7.5	12.9	10.2	3.7	7.4	7.7	3.6	11.5	8.1	5.2
1962	8.0	8.0	8.4	5.2	10.9	9.7	6.1	8.0	7.4	5.1	9.3	10.8	7.7
1963	9.0	8.3	9.5	4.6	12.4	9.2	5.1	10.1	10.2	8.0	11.4	11.9	8.0
1964	8.9	8.2	8.8	6.7	10.1	8.5	6.4	10.0	10.3	2.3	14.8	10.8	8.1
1965	8.3	9.1	9.8	6.0	12.2	12.3	4.8	7.0	6.2	1.7	8.6	9.4	6.9
1966	7.5	7.6	8.4	6.6	9.2	8.1	3.2	7.4	6.9	2.9	8.9	9.6	3.2
1967	10.2	11.1	14.0	13.5	14.2	11.3	4.9	8.9	8.5	4.8	10.8	11.5	7.6
1968	8.9	9.2	11.5	10.6	11.9	9.1	4.5	8.5	8.8	4.5	11.1	10.8	5.5
1969	10.4	9.7	11.0	6.9	12.9	10.0	6.8	11.4	12.9	9.1	14.7	13.2	6.2
1970	12.4	13.2	14.6	10.9	16.5	15.3	9.0	11.4	13.0	7.3	15.9	13.8	5.2
1971	12.7	13.0	15.6	10.4	18.7	12.0	8.6	12.3	13.5	9.4	15.7	13.5	8.3
1972	12.3	12.0	14.6	12.6	15.5	11.4	7.7	12.6	14.0	9.3	16.5	14.8	7.3
1973	11.2	11.5	13.8	12.4	14.5	11.2	6.9	10.8	13.0	7.0	16.1	10.6	4.8
1974	13.0	12.4	14.7	12.7	15.6	11.0	8.8	13.8	16.1	12.0	18.1	14.4	7.7
1975	14.6	14.5	15.9	12.4	17.4	14.1	12.1	14.9	17.2	12.9	19.2	15.8	9.1
1976	13.8	14.5	17.4	12.6	19.5	14.7	9.2	12.9	15.5	12.4	17.0	13.7	7.7
1977	13.7	13.6	16.7	19.3	15.5	13.3	7.5	13.8	16.4	14.0	17.6	15.5	7.6
1978	12.8	13.4	16.8	16.7	16.9	13.9	6.3	12.2	14.6	11.9	15.7	12.9	7.1
1979	13.0	13.1	14.7	12.7	15.5	14.0	9.7	13.0	16.4	14.4	17.2	12.1	7.3
1980	13.9	15.3	19.4	18.1	19.8	15.8	8.1	12.5	15.7	12.5	16.9	11.4	8.2
1981	14.5	14.2	17.1	13.5	18.3	15.7	8.7	14.8	18.3	16.0	19.2	18.8	6.9
1982	16.7	18.8	23.4	20.4	24.6	18.5	12.8	14.5	18.3	2.5	20.5	17.7	7.6
1983	15.2	16.1	20.4	17.1	21.8	17.2	10.2	14.2	17.9	11.6	20.6	14.3	9.0

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Unemployment rate												
TOTAL													
Not enrolled													
1947	(¹)	(¹)	11.0	(¹)	(¹)	7.4	(¹)	(¹)	9.1	(¹)	(¹)	5.0	(¹)
1948	5.0	5.3	7.8	(¹)	(¹)	7.5	4.3	4.5	6.9	(¹)	(¹)	4.6	4.0
1949	10.5	11.6	16.6	(¹)	(¹)	12.0	10.7	9.0	12.5	(¹)	(¹)	10.7	7.8
1950	5.2	4.7	10.9	(¹)	(¹)	6.1	3.4	5.9	10.0	(¹)	(¹)	7.6	4.8
1951	4.3	3.8	7.4	(¹)	(¹)	4.5	3.3	4.5	10.8	(¹)	(¹)	6.1	3.7
1952	4.8	4.9	10.6	(¹)	(¹)	3.8	3.8	4.3	9.7	(¹)	(¹)	6.9	3.5
1953	4.1	4.1	11.6	(³)	12.9	4.7	2.5	4.2	10.3	(³)	10.4	5.2	3.0
1954	8.1	8.5	15.7	(³)	15.8	6.6	8.0	7.7	19.8	(³)	20.6	9.9	5.5
1955	6.2	5.9	16.6	(³)	18.4	5.9	4.4	6.5	9.7	(³)	9.8	7.2	5.8
1956	5.9	5.8	14.7	(³)	13.9	5.3	4.7	6.1	9.6	(³)	8.5	6.9	5.4
1957	7.2	8.3	16.0	(³)	15.4	10.9	6.6	5.9	12.9	–	14.2	6.0	5.0
1958	11.2	12.3	24.1	(³)	25.7	16.6	9.7	9.8	21.8	(³)	22.5	11.0	7.9
1959	9.7	9.9	24.3	(³)	25.7	15.1	6.9	9.5	15.2	(³)	15.2	13.1	7.5
1960	10.1	10.1	18.5	(³)	18.3	16.5	7.4	9.9	20.2	(³)	19.0	13.0	7.3
1961	11.2	10.9	21.8	(³)	21.5	15.2	8.5	11.6	19.0	(³)	20.2	14.5	9.5
1962	9.6	9.0	15.1	(³)	15.1	13.0	7.3	10.3	17.9	–	18.8	12.3	8.8
1963	11.0	9.3	20.1	(³)	20.5	14.8	7.0	13.0	33.0	–	34.6	14.9	10.6
1964	9.7	8.8	14.3	–	14.8	13.3	7.3	10.9	25.3	(³)	26.0	15.3	8.1
1965	7.6	6.3	15.7	–	16.4	10.4	4.2	9.2	22.4	–	23.7	13.7	6.4
1966	7.8	5.5	18.5	(³)	19.4	8.4	3.3	10.4	26.4	(³)	27.0	12.6	7.1
1967	8.3	6.2	21.2	(³)	20.5	10.7	4.0	10.6	22.4	(³)	22.0	16.1	7.8
1968	7.5	6.1	16.2	(³)	15.2	9.5	4.5	9.0	24.0	(³)	25.9	12.9	7.0
1969	7.4	6.1	15.5	(³)	15.4	8.9	4.7	8.6	26.6	(³)	26.7	11.0	6.9
1970	10.9	11.1	26.7	(³)	28.5	14.1	9.4	10.7	28.0	(³)	29.0	16.4	8.2
1971	11.0	10.7	24.4	(³)	24.9	14.6	8.9	11.3	30.7	(³)	30.1	16.7	8.9
1972	10.6	9.5	22.2	(³)	23.3	11.9	8.1	11.8	24.3	(³)	25.4	15.2	10.1
1973	8.2	7.1	21.1	(³)	20.6	9.9	5.3	9.6	20.0	(³)	19.7	13.8	7.7
1974	10.8	10.2	21.8	(³)	22.0	15.3	7.8	11.6	24.1	(³)	25.1	16.9	9.2
1975	14.9	14.8	35.5	(³)	35.7	18.6	12.6	15.1	36.9	(³)	37.6	19.0	12.9
1976	14.0	13.1	29.4	(³)	28.3	17.3	11.0	15.0	35.6	(³)	36.9	18.5	12.9
1977	11.9	10.6	26.9	(³)	26.8	14.1	8.8	13.5	23.9	(³)	24.1	18.1	11.5
1978	10.0	9.2	30.1	(³)	30.3	11.5	7.5	11.0	26.2	(³)	26.4	15.7	8.9
1979	10.8	9.5	19.6	(³)	18.5	13.7	7.9	12.4	29.4	(³)	29.7	17.9	9.9
1980	14.0	15.0	27.1	(³)	26.9	18.8	13.4	12.8	28.2	(³)	29.0	17.6	10.9
1981	15.0	15.3	28.8	(³)	27.9	20.5	13.4	14.7	35.4	(³)	36.7	22.2	12.2
1982	18.5	19.2	44.6	(³)	45.2	25.0	16.9	17.7	29.5	(³)	30.0	26.4	15.1
1983	15.9	16.5	30.0	(³)	30.6	23.4	14.4	15.2	35.9	(³)	37.6	23.5	12.9

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Unemployment rate												
WHITE													
Enrolled													
1964	7.6	7.2	7.8	5.0	9.4	7.6	5.4	8.4	8.1	–	12.7	11.6	6.5
1965	7.5	8.4	8.6	4.3	11.4	12.0	4.8	6.0	5.2	1.3	7.2	7.8	7.3
1966	6.1	6.4	7.0	5.1	8.0	8.4	3.1	5.6	5.5	2.1	7.2	7.5	3.5
1967	8.5	9.3	11.6	12.5	11.2	9.1	4.5	7.4	7.0	2.9	9.6	9.2	7.1
1968	7.6	7.8	9.3	7.6	10.1	8.4	4.5	7.1	7.4	3.8	9.5	8.7	5.1
1969	9.3	9.1	10.4	6.7	12.1	8.8	6.7	9.8	11.0	7.0	12.9	11.0	5.9
1970	11.3	12.2	13.3	9.9	15.1	13.8	8.9	10.0	11.5	4.9	14.8	11.5	4.8
1971	11.0	11.4	13.9	8.5	17.1	10.2	7.4	10.4	11.7	7.5	14.0	10.5	6.8
1972	10.7	10.7	12.8	10.8	13.8	9.5	7.6	10.6	11.4	5.8	14.5	12.9	6.6
1973	10.1	10.5	12.2	10.9	13.0	10.8	6.3	9.5	12.2	5.5	15.7	7.7	3.5
1974	11.0	10.6	12.4	8.9	14.2	8.5	8.2	11.5	13.6	9.3	15.8	11.7	6.2
1975	13.4	13.4	14.7	9.8	16.9	12.7	11.2	13.4	15.8	11.0	17.9	14.2	7.6
1976	12.2	13.2	15.9	11.6	17.9	12.3	8.7	10.9	13.5	9.4	15.5	11.1	5.7
1977	11.8	11.8	14.9	16.6	14.1	10.1	6.3	11.8	14.0	11.2	15.3	13.6	6.3
1978	10.9	11.8	15.2	15.0	15.3	11.8	5.2	9.8	11.8	8.4	13.4	9.7	5.5
1979	11.2	11.5	13.1	11.2	14.0	11.0	8.5	10.7	13.8	12.8	14.2	9.9	5.4
1980	12.2	13.2	16.9	15.7	17.4	14.0	6.3	11.0	14.0	10.7	15.3	9.8	6.9
1981	12.5	13.0	15.6	12.0	16.9	13.3	8.6	11.9	15.3	12.4	16.4	14.3	5.0
1982	14.9	16.8	21.6	20.1	22.3	15.9	10.4	12.9	16.6	11.2	18.8	15.9	5.7
1983	13.4	14.5	18.2	14.7	19.7	16.7	8.5	12.3	15.7	11.2	17.7	12.5	7.1
Not enrolled													
1964	8.8	8.4	12.0	–	12.5	12.3	7.1	9.4	23.8	–	24.3	13.2	6.9
1965	6.8	5.8	15.1	–	15.7	8.8	4.1	8.0	20.7	(3)	21.5	12.1	5.4
1966	6.3	4.8	17.5	–	18.8	7.9	2.9	7.9	21.4	(3)	21.5	10.8	5.8
1967	7.3	5.2	20.5	(3)	19.4	9.2	3.3	9.5	21.6	(3)	21.3	13.8	7.2
1968	6.4	4.9	13.6	(3)	11.8	7.6	3.7	7.9	20.9	(3)	22.1	11.0	6.2
1969	6.4	5.5	16.4	(3)	16.0	7.8	4.3	7.3	24.1	(3)	23.7	8.1	6.1
1970	9.7	10.1	25.6	(3)	27.5	12.6	8.5	9.2	25.5	(3)	26.1	13.6	7.1
1971	9.8	9.5	24.1	(3)	24.1	13.0	7.9	10.1	28.3	(3)	27.6	15.3	7.7
1972	9.3	8.9	20.5	(3)	21.7	10.4	7.8	9.8	21.7	(3)	22.8	12.0	8.4
1973	6.9	5.9	20.1	(3)	19.6	8.4	4.3	8.1	18.2	(3)	17.7	11.2	6.4
1974	9.4	8.9	19.7	(3)	19.6	13.2	6.9	9.9	22.0	(3)	22.7	14.9	7.5
1975	13.3	13.4	29.4	(3)	29.7	16.1	11.8	13.3	30.9	(3)	31.3	16.6	11.4
1976	12.3	11.5	29.6	(3)	28.8	14.3	9.7	13.3	31.6	(3)	32.3	16.3	11.6
1977	9.9	8.8	26.2	(3)	26.1	11.0	7.3	11.0	21.5	(3)	21.5	14.7	9.4
1978	8.3	7.8	29.0	(3)	29.2	9.5	6.1	8.9	23.6	(3)	24.2	12.7	7.1
1979	9.2	8.4	19.0	(3)	17.7	11.8	7.0	10.1	24.0	(3)	24.5	15.1	8.0
1980	12.0	13.2	25.7	(3)	26.2	15.9	11.8	10.5	25.4	(3)	25.5	13.9	8.9
1981	12.5	13.2	28.0	(3)	26.9	17.2	11.5	11.7	33.3	(3)	34.2	17.8	9.5
1982	15.7	16.6	44.2	(3)	44.7	21.6	14.3	14.6	27.0	(3)	27.3	22.1	12.2
1983	12.8	13.7	27.1	(3)	27.2	19.2	12.0	11.7	33.1	(3)	34.8	16.7	10.0

See footnotes at end of table.

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Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Unemployment rate												
BLACK[2]													
Enrolled													
1964	19.7	16.7	15.8	(3)	15.6	(3)	(3)	25.7	(3)	(3)	(3)	(3)	(3)
1965	16.3	15.9	18.0	(3)	19.1	(3)	(3)	17.1	17.1	(3)	(3)	(3)	(3)
1966	17.2	15.2	20.6	(3)	20.7	(3)	(3)	20.2	(3)	(3)	(3)	(3)	(3)
1967	24.9	27.9	33.6	(3)	38.4	(3)	9.1	20.7	24.3	(3)	(3)	(3)	(3)
1968	22.5	23.8	32.3	36.0	30.0	15.3	(3)	20.6	25.0	(3)	27.4	(3)	(3)
1969	20.7	16.1	17.5	(3)	20.8	19.8	(3)	26.7	34.6	(3)	33.0	(3)	(3)
1970	26.3	25.7	29.2	(3)	33.3	(3)	(3)	26.7	30.5	(3)	28.4	(3)	(3)
1971	31.7	31.4	37.7	(3)	37.7	27.2	23.4	32.2	36.0	(3)	37.1	(3)	(3)
1972	30.4	25.9	38.1	(3)	39.7	29.1	8.7	37.4	46.9	(3)	40.1	(3)	(3)
1973	24.2	23.9	35.2	(3)	34.7	(3)	12.6	25.3	26.9	(3)	21.6	(3)	16.0
1974	31.8	28.6	37.3	(3)	29.2	30.2	14.5	36.6	50.1	(3)	47.5	32.6	20.2
1975	27.0	27.1	33.6	(3)	25.1	23.9	20.5	27.0	34.0	(3)	32.4	25.8	19.4
1976	29.7	26.1	37.3	(3)	38.7	29.8	11.8	34.2	46.6	(3)	40.2	33.3	23.4
1977	36.0	34.9	44.3	(3)	36.9	37.4	19.4	37.4	53.6	(3)	51.3	32.5	23.7
1978	33.3	30.9	35.6	(3)	34.3	32.9	19.5	35.4	47.4	(3)	41.5	39.2	18.5
1979	34.9	34.0	40.2	(3)	37.5	(3)	21.3	36.3	50.3	(3)	50.0	30.0	23.6
1980	33.5	37.5	45.6	(3)	42.9	(3)	25.8	29.3	41.4	(3)	39.4	(3)	21.0
1981	36.7	27.8	38.4	(3)	34.7	37.5	8.7	44.2	55.9	(3)	52.4	53.8	24.6
1982	37.2	41.2	49.5	(3)	52.1	48.0	29.8	33.1	46.9	(3)	44.6	(3)	21.1
1983	37.0	35.2	54.5	(3)	(3)	(3)	22.4	38.8	59.6	(3)	61.2	32.0	25.9
Not enrolled													
1964	15.0	11.4	(3)	–	(3)	18.7	8.0	19.5	(3)	(3)	(3)	28.7	15.0
1965	12.4	9.3	(3)	–	(3)	20.5	5.0	16.3	(3)	–	(3)	27.1	12.0
1966	13.3	7.9	(3)	(3)	(3)	11.2	5.8	19.8	(3)	–	(3)	25.6	15.2
1967	14.4	11.7	(3)	–	(3)	19.1	8.2	17.7	(3)	(3)	(3)	31.7	12.0
1968	14.4	12.5	(3)	–	(3)	20.0	9.2	16.3	(3)	–	(3)	25.8	12.2
1969	13.0	9.1	(3)	–	(3)	14.8	7.3	17.0	(3)	–	(3)	31.1	11.7
1970	18.8	17.5	(3)	(3)	(3)	23.2	14.8	20.3	(3)	–	(3)	35.9	14.7
1971	18.8	17.8	(3)	(3)	(3)	24.4	15.4	20.0	(3)	–	(3)	27.2	17.0
1972	19.1	13.9	(3)	–	(3)	22.1	10.5	24.9	(3)	–	(3)	37.8	20.6
1973	17.0	14.6	(3)	(3)	(3)	19.2	12.3	20.2	(3)	–	(3)	33.7	16.0
1974	21.0	19.6	(3)	(3)	(3)	30.6	15.0	23.0	(3)	–	(3)	33.0	19.4
1975	26.6	25.2	(3)	(3)	(3)	37.6	18.7	28.4	(3)	–	(3)	37.2	23.4
1976	26.1	25.5	(3)	(3)	(3)	42.9	21.0	26.4	(3)	–	(3)	35.4	22.4
1977	28.0	25.2	(3)	–	(3)	39.0	20.8	31.0	(3)	–	(3)	44.3	26.9
1978	23.4	20.8	(3)	–	(3)	26.5	18.8	26.2	(3)	(3)	(3)	39.0	22.0
1979	23.4	18.7	(3)	–	(3)	26.9	16.1	28.7	(3)	(3)	(3)	41.5	23.9
1980	29.3	29.0	(3)	(3)	(3)	40.7	25.4	29.8	(3)	–	(3)	49.2	24.5
1981	32.7	31.2	(3)	–	(3)	46.9	27.1	34.2	(3)	–	(3)	51.8	29.3
1982	38.6	37.9	(3)	(3)	(3)	49.0	34.7	39.3	(3)	–	(3)	55.0	34.9
1983	37.3	35.2	(3)	(3)	(3)	49.5	31.4	39.7	(3)	–	(3)	61.9	33.8
HISPANIC ORIGIN													
Enrolled													
1972	18.5	19.4	23.7	(3)	(3)	(3)	(3)	16.3	(3)	(3)	(3)	(3)	(3)
1973	20.0	16.0	20.9	(3)	(3)	(3)	(3)	25.6	(3)	(3)	(3)	(3)	(3)
1974	17.7	18.9	30.0	(3)	(3)	(3)	(3)	15.6	(3)	(3)	(3)	(3)	(3)
1975	19.4	19.4	22.3	(3)	(3)	(3)	(3)	19.4	(3)	(3)	(3)	(3)	(3)
1976	22.2	23.4	30.9	(3)	(3)	(3)	(3)	20.7	(3)	(3)	(3)	(3)	(3)
1977	19.9	18.4	22.0	(3)	19.5	(3)	(3)	22.2	(3)	(3)	(3)	(3)	(3)
1978	16.7	14.9	24.4	(3)	18.5	(3)	–	19.3	(3)	(3)	(3)	(3)	(3)
1979	18.8	15.1	18.8	(3)	(3)	(3)	(3)	24.8	37.3	(3)	(3)	(3)	(3)
1980	18.3	19.8	28.6	(3)	(3)	(3)	(3)	16.5	23.6	(3)	(3)	(3)	(3)
1981	15.6	16.7	24.1	–	27.5	(3)	(3)	14.2	(3)	(3)	(3)	(3)	(3)
1982	24.7	25.7	39.4	(3)	(3)	(3)	(3)	23.4	(3)	(3)	(3)	(3)	(3)
1983	18.9	17.6	(3)	(3)	(3)	(3)	11.4	21.4	(3)	(3)	(3)	(3)	(3)

See footnotes at end of table.

Table 59. Employment status of the civilian noninstitutional population 14 to 24 years of age by school enrollment, race, Hispanic origin, and sex, October 1947-83—Continued

School enrollment, year, race, and Hispanic origin	Total, 14 to 24 years	Men						Women					
		Total	14 to 17 years			18 to 19 years	20 to 24 years	Total	14 to 17 years			18 to 19 years	20 to 24 years
			Total	14 to 15 years	16 to 17 years				Total	14 to 15 years	16 to 17 years		
	Unemployment rate												
HISPANIC ORIGIN													
Not enrolled													
1972	13.0	13.6	(3)	-	(3)	18.3	11.8	12.4	(3)	-	(3)	(3)	12.9
1973	10.5	9.8	(3)	(3)	(3)	10.0	9.0	11.7	(3)	(3)	(3)	(3)	9.4
1974	12.1	10.5	(3)	(3)	(3)	20.8	7.0	14.7	(3)	-	(3)	19.2	11.9
1975	20.0	18.5	(3)	-	(3)	26.9	15.0	21.8	(3)	-	(3)	21.6	21.7
1976	15.7	15.0	(3)	(3)	(3)	19.4	13.0	16.9	(3)	(3)	(3)	15.5	17.4
1977	12.6	10.9	(3)	-	(3)	20.5	7.9	15.1	(3)	(3)	(3)	14.6	13.6
1978	12.5	12.2	(3)	-	(3)	18.8	8.5	13.0	(3)	(3)	(3)	13.0	12.1
1979	13.3	12.3	(3)	(3)	(3)	8.5	13.1	14.3	(3)	(3)	(3)	18.0	11.6
1980	13.1	14.1	(3)	-	(3)	20.7	11.6	12.0	(3)	(3)	(3)	13.2	9.4
1981	15.7	15.8	(3)	(3)	(3)	23.0	12.0	15.6	(3)	(3)	(3)	22.7	12.7
1982	21.5	21.9	(3)	(3)	(3)	25.3	19.3	20.9	(3)	(3)	(3)	32.4	17.1
1983	17.7	18.1	(3)	(3)	(3)	23.9	16.3	17.1	(3)	-	(3)	25.0	14.4

[1] Not available.

[2] Beginning in 1977, data refer to black workers only.

[3] For years prior to 1967, data not shown where base is less than 100,000; for 1967 forward data not shown where base is less than 75,000.

NOTE: Because the number of 14 to 15 year olds who are not enrolled in schools is very small, the sampling variability for this group is relatively high. Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

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Table 60. Employment status of 16- to 24-year-old high school graduates not enrolled in college and school dropouts by selected characteristics, October 1960-83

(Numbers in thousands)

Year, graduates, dropouts, and characteristic	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Total	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1960							
High school graduates							
Total, 16 to 24 years	921	706	76.7	599	107	15.2	215
Men	348	308	88.5	262	46	14.9	40
Women	573	398	69.5	337	61	15.3	175
Single	473	359	75.9	308	51	14.2	114
Other marital status[1]	100	39	39.0	29	10	(2)	61
White	848	653	77.0	568	85	13.0	195
Black	73	53	(2)	31	22	(2)	20
School dropouts							
Total, 16 to 24 years	344	214	62.2	175	39	18.2	130
Men	165	126	76.4	102	24	19.0	39
Women	179	88	49.2	73	15	(2)	91
Single	110	71	64.5	60	11	(2)	39
Other marital status[1]	69	17	(2)	13	4	(2)	52
White	273	163	59.7	133	30	18.4	110
Black	71	51	(2)	42	9	(2)	20
1961							
High school graduates							
Total, 16 to 24 years	916	730	79.7	599	131	17.9	186
Men	345	297	86.1	242	55	18.5	48
Women	571	433	75.8	357	76	17.6	138
Single	482	392	81.3	326	66	16.8	90
Other marital status[1]	89	41	(2)	31	10	(2)	48
White	814	651	80.0	545	106	16.3	163
Black	102	79	77.4	54	25	(2)	23
School dropouts							
Total, 16 to 24 years	354	239	67.5	175	64	26.8	115
Men	179	150	83.8	108	42	28.0	29
Women	175	89	50.9	67	22	(2)	86
Single	119	75	63.0	55	20	(2)	44
Other marital status[1]	56	14	(2)	12	2	(2)	42
White	283	189	66.8	134	55	29.1	94
Black	71	50	(2)	41	9	(2)	21
1962							
High school graduates							
Total, 16 to 24 years	938	746	79.5	641	105	14.1	192
Men	392	356	90.8	305	51	14.3	36
Women	546	390	71.4	336	54	13.8	156
Single	469	352	75.1	309	43	12.2	117
Other marital status[1]	77	38	(2)	27	11	(2)	39
White	820	657	80.1	568	89	13.5	163
Black	118	89	75.4	73	16	(2)	29
School dropouts							
Total, 16 to 24 years	285	161	56.5	115	46	28.6	124
Men	126	107	84.9	78	29	27.1	19
Women	159	54	34.0	37	17	(2)	105
Single	83	43	(2)	28	15	(2)	40
Other marital status[1]	76	11	(2)	9	2	(2)	65
White	210	113	53.8	83	30	26.5	97
Black	75	48	(2)	42	16	(2)	27

See footnotes at end of table.

Table 60. Employment status of 16- to 24-year-old high school graduates not enrolled in college and school dropouts by selected characteristics, October 1960-83—Continued

(Numbers in thousands)

Year, graduates, dropouts, and characteristic	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Total	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1963							
High school graduates							
Total, 16 to 24 years	957	755	78.9	619	136	18.0	202
Men	379	340	89.7	275	65	19.1	39
Women	578	415	71.8	344	71	17.1	163
Single	489	368	75.3	311	57	15.5	121
Other marital status[1]	89	47	(2)	33	14	(2)	42
White	879	690	78.5	580	110	15.9	189
Black	78	65	(2)	39	26	(2)	13
School dropouts							
Total, 16 to 24 years	273	180	65.9	123	57	31.7	93
Men	132	110	83.3	85	25	22.7	22
Women	141	70	49.6	38	32	(2)	71
Single	79	50	(2)	25	25	(2)	29
Other marital status[1]	62	20	(2)	13	7	(2)	42
White	217	151	69.6	101	50	33.1	66
Black	56	29	(2)	22	7	(2)	27
1964							
High school graduates							
Total, 16 to 24 years	1,108	863	77.9	702	161	18.7	245
Men	427	388	90.9	338	50	12.9	39
Women	681	475	69.8	364	111	23.4	206
Single	574	432	75.3	334	98	22.7	142
Other marital status[1]	107	43	40.2	30	13	(2)	64
White	997	773	77.5	644	129	16.8	224
Black	111	90	81.1	58	32	(2)	21
School dropouts							
Total, 16 to 24 years	606	335	55.3	252	83	24.8	271
Men	273	209	76.6	172	37	17.7	64
Women	333	126	37.8	80	46	36.5	207
Single	192	92	47.9	57	35	(2)	100
Other marital status[1]	141	34	24.1	23	11	(2)	107
White	464	245	52.8	182	63	25.7	219
Black	142	90	63.4	70	20	(2)	52
1965							
High school graduates							
Total, 16 to 24 years	1,305	1,071	82.1	938	133	12.4	234
Men	536	488	91.0	452	36	7.4	48
Women	769	583	75.8	486	97	16.6	186
Single	645	508	78.8	425	83	16.3	137
Other marital status[1]	124	75	60.5	61	14	(2)	49
White	1,168	963	82.4	859	204	10.8	205
Black	137	108	78.8	79	29	26.9	29
School dropouts							
Total, 16 to 24 years	682	416	61.0	327	89	21.4	266
Men	361	299	82.8	241	58	19.4	62
Women	321	117	36.4	86	31	26.5	204
Single	175	86	49.1	65	21	(2)	89
Other marital status[1]	146	31	21.2	21	10	(2)	115
White	541	327	60.4	253	74	22.6	214
Black	141	89	63.1	74	15	(2)	52

See footnotes at end of table.

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Table 60. Employment status of 16- to 24-year-old high school graduates not enrolled in college and school dropouts by selected characteristics, October 1960-83—Continued

(Numbers in thousands)

Year, graduates, dropouts, and characteristic	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Total	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1966							
High school graduates							
Total, 16 to 24 years	1,303	986	75.7	846	140	14.2	317
Men	498	435	87.3	397	38	8.7	63
Women	805	551	68.4	449	102	18.5	254
Single	668	485	72.6	399	86	17.7	183
Other marital status[1]	137	66	48.2	50	16	(2)	71
White	1,160	893	77.2	778	115	12.9	267
Black	143	93	65.0	66	25	(2)	50
School dropouts							
Total, 16 to 24 years	589	367	62.3	303	64	17.4	222
Men	294	236	80.3	204	32	13.6	58
Women	295	131	44.4	99	32	24.4	164
Single	175	95	54.3	69	26	(2)	80
Other marital status[1]	120	36	30.0	30	6	(2)	84
White	454	290	63.9	243	47	16.2	164
Black	135	77	57.0	60	17	(2)	58
1967							
High school graduates							
Total, 16 to 24 years	1,215	956	78.7	801	155	16.2	259
Men	484	419	86.6	379	40	9.5	65
Women	731	537	73.6	422	115	21.4	194
Single	631	486	77.0	384	102	21.0	145
Other marital status[1]	100	51	51.0	38	13	(2)	49
White	1,065	847	79.6	728	119	14.0	218
Black	150	109	72.7	73	36	33.0	41
School dropouts							
Total, 16 to 24 years	614	391	63.7	309	82	21.0	223
Men	320	257	80.3	208	49	19.1	63
Women	294	134	45.6	101	33	24.6	160
Single	173	84	48.6	62	22	26.2	89
Other marital status[1]	121	50	41.3	39	11	(2)	71
White	476	301	63.3	242	59	19.6	175
Black	138	90	65.2	67	23	25.6	48
1968							
High school graduates							
Total, 16 to 24 years	1,162	904	77.8	782	122	13.5	258
Men	436	384	88.1	345	39	10.2	52
Women	726	520	71.6	437	83	16.0	206
Single	591	449	76.0	380	69	15.4	142
Other marital status[1]	135	71	52.6	57	14	(2)	64
White	999	775	77.4	684	91	11.7	224
Black	163	129	79.1	98	31	24.0	34
School dropouts							
Total, 16 to 24 years	610	390	63.9	305	85	21.8	220
Men	310	249	80.3	203	46	18.5	61
Women	300	141	47.0	102	39	27.7	159
Single	170	98	57.6	71	27	27.6	72
Other marital status[1]	130	43	33.1	31	12	(2)	87
White	462	305	66.0	245	60	19.7	157
Black	148	85	57.4	60	25	29.4	63

See footnotes at end of table.

Table 60. Employment status of 16- to 24-year-old high school graduates not enrolled in college and school dropouts by selected characteristics, October 1960-83—Continued

(Numbers in thousands)

Year, graduates, dropouts, and characteristic	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Total	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1969							
High school graduates							
Total, 16 to 24 years	1,326	1,049	79.1	929	120	11.4	277
Men	540	486	90.0	449	37	7.6	54
Women	786	563	71.6	480	83	14.7	223
Single	647	494	76.4	425	69	14.0	153
Other marital status[1]	139	69	49.6	55	14	([2])	70
White	1,136	911	80.2	834	76	8.5	232
Black	190	138	72.6	95	43	31.2	45
School dropouts							
Total, 16 to 24 years	661	405	61.3	337	68	16.8	256
Men	341	279	81.8	238	41	14.7	62
Women	320	126	39.4	99	27	21.4	194
Single	185	89	48.1	70	19	21.3	96
Other marital status[1]	135	37	27.4	29	8	([2])	98
White	519	316	60.9	267	49	15.5	203
Black	142	89	62.7	70	19	21.3	53
1970							
High school graduates							
Total, 16 to 24 years	1,330	1,027	77.2	841	186	18.1	303
Men	602	526	87.4	458	68	12.9	76
Women	728	501	68.8	383	118	23.6	227
Single	582	441	75.8	334	107	24.3	141
Other marital status[1]	146	60	41.1	49	11	([2])	86
White	1,177	922	78.3	772	150	16.3	255
Black	153	105	68.6	69	36	34.3	48
School dropouts							
Total, 16 to 24 years	712	427	60.0	318	109	25.5	285
Men	370	292	78.9	209	83	28.4	78
Women	342	135	39.5	109	26	19.3	207
Single	222	109	49.1	89	20	18.3	113
Other marital status[1]	120	26	21.7	20	6	([2])	94
White	545	339	62.2	264	75	22.1	206
Black	167	88	52.7	54	34	38.6	79
1971							
High school graduates							
Total, 16 to 24 years	1,337	1,052	78.7	871	181	17.2	285
Men	582	524	90.0	451	73	14.0	58
Women	755	528	69.9	420	108	20.5	227
Single	612	454	74.2	355	99	21.8	158
Other marital status[1]	143	74	51.7	65	9	([2])	69
White	1,190	944	79.3	801	143	15.1	246
Black	147	108	73.5	69	38	35.2	39
School dropouts							
Total, 16 to 24 years	657	416	63.4	306	110	26.5	241
Men	354	287	81.0	210	76	26.6	67
Women	303	130	42.9	96	34	26.3	174
Single	182	96	52.7	74	22	22.9	85
Other marital status[1]	121	33	27.3	21	12	([2])	88
White	541	354	65.4	267	87	24.6	187
Black	115	62	53.9	39	23	([2])	53

See footnotes at end of table.

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Table 60. Employment status of 16- to 24-year-old high school graduates not enrolled in college and school dropouts by selected characteristics, October 1960-83—Continued

(Numbers in thousands)

Year, graduates, dropouts, and characteristic	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Total	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1972							
High school graduates							
Total, 16 to 24 years	1,506	1,239	82.2	1,056	182	14.7	267
Men	672	613	91.2	538	75	12.3	59
Women	834	625	75.0	518	107	17.1	208
Single	675	536	79.4	449	87	16.2	139
Other marital status[1]	158	89	56.4	69	20	22.5	69
White	1,323	1,098	83.1	964	134	12.2	225
Black	183	140	76.5	92	49	35.0	43
School dropouts							
Total, 16 to 24 years	734	460	62.6	338	122	26.4	274
Men	372	306	82.3	235	71	23.3	66
Women	362	153	42.3	103	50	32.7	208
Single	204	112	55.0	76	36	32.1	92
Other marital status[1]	158	42	26.6	28	14	(2)	116
White	575	356	62.0	272	84	23.6	218
Black	158	103	65.1	65	38	36.9	55
1973							
High school graduates							
Total, 16 to 24 years	1,637	1,320	80.6	1,157	163	12.3	317
Men	730	659	90.2	597	63	9.6	71
Women	907	661	72.8	561	100	15.2	246
Single	732	562	76.7	479	83	14.7	170
Other marital status[1]	174	98	56.4	81	17	17.3	76
White	1,406	1,158	82.3	1,042	117	10.1	248
Black	231	161	69.7	115	46	28.6	71
School dropouts							
Total, 16 to 24 years	790	523	66.2	407	116	22.1	267
Men	444	360	81.1	273	87	24.2	84
Women	346	163	47.1	134	30	18.4	183
Single	230	121	52.6	97	25	20.7	108
Other marital status[1]	116	42	36.2	37	5	(2)	75
White	610	424	69.4	334	90	21.2	187
Black	177	98	55.4	72	26	26.5	80
1974							
High school graduates							
Total, 16 to 24 years	1,631	1,358	83.2	1,127	231	17.0	273
Men	758	681	89.8	576	105	15.3	77
Women	873	677	77.5	551	126	18.6	196
Single	698	573	82.0	475	98	17.0	125
Other marital status[1]	174	103	59.3	75	28	27.2	71
White	1,449	1,223	84.4	1,045	179	14.6	226
Black	183	134	73.2	82	52	38.8	49
School dropouts							
Total, 16 to 24 years	813	545	67.1	391	154	28.2	268
Men	444	366	82.5	276	90	24.5	78
Women	369	180	48.8	115	65	36.1	190
Single	245	128	52.3	82	46	35.9	117
Other marital status[1]	125	52	41.6	33	19	(2)	73
White	620	438	70.5	323	114	26.1	183
Black	187	103	55.2	63	40	38.8	84

See footnotes at end of table.

Table 60. Employment status of 16- to 24-year-old high school graduates not enrolled in college and school dropouts by selected characteristics, October 1960-83—Continued

(Numbers in thousands)

Year, graduates, dropouts, and characteristic	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Total	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1975							
High school graduates							
Total, 16 to 24 years	1,576	1,281	81.2	1,026	255	19.9	295
Men	721	660	91.5	534	126	19.1	61
Women	855	621	72.6	492	129	20.8	234
Single	686	522	76.0	418	104	19.8	164
Other marital status[1]	167	97	58.2	72	25	25.8	70
White	1,379	1,138	82.5	944	195	17.1	240
Black	199	141	70.9	80	60	42.7	58
School dropouts							
Total, 16 to 24 years	737	462	62.6	305	157	34.0	275
Men	364	300	82.5	197	103	34.3	64
Women	373	162	43.4	108	54	33.3	211
Single	234	110	47.0	71	39	35.5	123
Other marital status[1]	139	51	36.7	36	15	(2)	88
White	583	372	63.7	269	103	27.8	211
Black	153	89	58.2	34	55	61.9	64
1976							
High school graduates							
Total, 16 to 24 years	1,535	1,290	84.1	1,057	233	18.0	245
Men	769	702	91.3	584	118	16.9	67
Women	766	588	76.7	473	115	19.5	178
Single	616	498	80.9	401	97	19.6	118
Other marital status[1]	150	90	59.9	73	17	18.9	60
White	1,349	1,158	85.8	983	174	15.0	192
Black	186	131	70.5	73	59	45.0	55
School dropouts							
Total, 16 to 24 years	749	471	62.9	326	145	30.7	278
Men	420	326	77.7	234	92	28.3	94
Women	329	145	44.0	92	53	36.6	184
Single	217	103	47.5	65	38	36.9	115
Other marital status[1]	112	42	37.5	28	14	(2)	70
White	607	408	67.2	296	112	27.3	199
Black	138	61	44.2	27	34	(2)	77
1977							
High school graduates							
Total, 16 to 24 years	1,559	1,330	85.4	1,121	209	15.6	227
Men	714	648	90.8	555	93	14.4	66
Women	843	682	80.9	566	116	16.9	161
Single	707	591	83.6	484	107	18.2	116
Other marital status[1]	137	92	67.1	83	9	9.9	45
White	1,365	1,184	86.8	1,029	154	13.0	181
Black[3]	169	126	74.6	73	53	42.1	43
School dropouts							
Total, 16 to 24 years	832	570	68.6	418	152	26.7	262
Men	443	359	81.0	270	89	24.8	84
Women	389	210	54.0	148	62	29.5	178
Single	276	154	55.8	103	51	33.0	122
Other marital status[1]	113	57	50.4	45	12	(2)	56
White	661	472	71.5	361	112	23.7	188
Black[3]	157	91	58.1	52	39	42.9	66

See footnotes at end of table.

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Table 60. Employment status of 16- to 24-year-old high school graduates not enrolled in college and school dropouts by selected characteristics, October 1960-83—Continued

(Numbers in thousands)

Year, graduates, dropouts, and characteristic	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Total	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1978							
High school graduates							
Total, 16 to 24 years	1,585	1,366	86.3	1,173	193	14.0	219
Men	733	673	91.8	597	75	11.2	60
Women	852	693	81.3	575	118	17.0	159
Single	709	600	84.6	501	99	16.6	109
Other marital status[1]	143	92	64.3	74	18	19.6	51
White	1,372	1,203	87.7	1,077	125	10.4	169
Black	191	145	75.9	87	58	40.0	46
School dropouts							
Total, 16 to 24 years	839	576	68.8	417	159	27.6	263
Men	479	384	80.2	292	92	24.0	95
Women	360	192	53.4	125	66	34.4	168
Single	237	139	58.6	83	55	39.6	99
Other marital status[1]	122	53	43.4	42	11	(2)	68
White	647	465	72.0	337	128	27.4	181
Black	176	104	59.1	69	35	33.7	71
1979							
High school graduates							
Total, 16 to 24 years	1,610	1,396	86.8	1,166	231	16.4	214
Men	738	679	92.0	584	95	13.9	59
Women	872	718	82.2	582	136	18.9	155
Single	746	629	84.2	512	117	18.6	117
Other marital status[1]	126	88	69.8	70	18	20.5	38
White	1,400	1,236	88.2	1,064	172	13.9	164
Black	177	128	72.3	77	50	39.1	49
School dropouts							
Total, 16 to 24 years	812	536	66.0	396	139	25.8	277
Men	400	316	79.0	256	60	19.0	84
Women	412	220	53.4	140	80	36.4	193
Single	294	155	52.7	89	66	42.6	139
Other marital status[1]	116	62	53.4	49	13	(2)	54
White	629	432	68.6	333	99	22.8	198
Black	158	84	53.2	46	38	45.2	74
1980							
High school graduates							
Total, 16 to 24 years	1,575	1,339	85.1	1,085	254	19.0	236
Men	806	723	89.7	585	138	19.1	83
Women	769	616	80.1	500	116	18.8	153
Single	648	525	80.9	423	102	19.4	123
Other marital status[1]	120	90	75.1	77	13	14.4	30
White	1,343	1,173	87.3	999	174	14.8	170
Black	210	149	71.0	73	77	51.7	61
School dropouts							
Total, 16 to 24 years	759	485	63.8	332	153	31.5	274
Men	428	311	72.8	217	95	30.5	117
Women	331	173	52.3	115	58	33.5	157
Single	229	128	55.8	80	48	37.5	102
Other marital status[1]	102	46	45.1	36	10	(2)	56
White	588	398	67.7	291	107	26.9	190
Black	151	76	50.4	33	43	56.6	75

See footnotes at end of table.

Table 60. Employment status of 16- to 24-year-old high school graduates not enrolled in college and school dropouts by selected characteristics, October 1960-83—Continued

(Numbers in thousands)

Year, graduates, dropouts, and characteristic	Civilian noninstitutional population	Civilian labor force					Not in labor force
		Total	Percent of population	Employed	Unemployed		
					Number	Percent of labor force	
1981							
High school graduates							
Total, 16 to 24 years	1,407	1,180	83.9	927	253	21.4	227
Men	674	586	86.9	472	114	19.5	88
Women	733	594	81.0	455	139	23.4	139
Single	616	522	84.7	396	126	24.1	94
Other marital status[1]	116	71	61.2	59	12	([2])	45
White	1,192	1,030	86.4	854	176	17.1	162
Black	205	142	69.3	66	76	53.5	63
School dropouts							
Total, 16 to 24 years	713	453	63.5	289	164	36.2	260
Men	363	269	74.1	191	78	29.0	94
Women	350	184	52.6	98	86	46.7	166
Single	275	146	53.1	78	68	46.6	129
Other marital status[1]	75	38	50.7	20	18	([2])	37
White	532	365	68.6	259	106	29.0	167
Black	168	78	46.4	21	57	73.1	90
1982							
High school graduates							
Total, 16 to 24 years	1,532	1,257	82.0	926	331	26.3	275
Men	769	660	858	499	161	24.4	109
Women	763	597	78.2	427	170	28.5	166
Single	656	523	79.7	374	149	28.5	133
Other marital status[1]	109	76	69.7	54	22	28.9	33
White	1,268	1,073	84.6	843	230	21.4	195
Black	244	169	69.3	71	98	58.0	75
School dropouts							
Total, 16 to 24 years	668	421	63.0	246	175	41.6	247
Men	355	272	76.6	154	118	43.4	83
Women	313	149	47.6	92	57	38.3	164
Single	216	109	50.5	67	42	38.5	107
Other marital status[1]	96	40	41.7	25	15	([2])	56
White	513	344	67.1	220	124	36.0	169
Black	135	70	51.9	20	50	([2])	65
1983							
High school graduates							
Total, 16 to 24 years	1,402	1,184	84.5	882	302	25.5	218
Men	669	594	88.8	442	152	25.6	75
Women	733	590	80.5	440	150	25.4	143
Single	647	526	81.3	395	131	24.9	121
Other marital status[1]	85	63	74.1	45	18	([2])	22
White	1,124	971	86.4	785	186	19.2	152
Black	241	183	75.9	84	99	54.1	59
School dropouts							
Total, 16 to 24 years	597	377	63.1	258	119	31.6	220
Men	329	248	75.4	167	81	32.7	81
Women	268	129	48.1	91	38	29.5	139
Single	208	104	50.0	69	35	33.7	104
Other marital status[1]	60	25	([2])	22	3	([2])	35
White	445	284	53.8	211	73	25.7	161
Black	124	71	57.3	32	39	([2])	53

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[1] Refers to married, spouse present, widowed, divorced, or separated women.

[2] For years prior to 1967, data not shown where base is less than 100,000; for 1967 forward data not shown where base is less than 75,000.

[3] Prior to 1977, data refer to black and other workers.

NOTE: For the years 1960-63, data on school dropouts cover a 9-month period; for 1964 forward a 12-month calendar year. These data also include persons 14 and 15 years of age, not shown separately. Data on graduates refer to October of the year of graduation.

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Table 61. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959-84

(Number in thousands)

Year, sex, race, and Hispanic origin	Total	Percent distribution							Median school years completed
		Total	Elementary		High school		College		
			Less than 5 years[1]	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
TOTAL									
1959	65,842	100.0	5.3	25.2	19.8	30.7	9.3	9.6	12.0
1962	67,988	100.0	4.6	22.4	19.3	32.1	10.7	11.0	12.1
1964	69,926	100.0	3.7	20.9	19.2	34.5	10.6	11.2	12.2
1965	71,129	100.0	3.7	19.6	19.2	35.5	10.5	11.6	12.2
1966	71,958	100.0	3.3	18.9	19.0	36.3	10.8	11.8	12.2
1967	73,218	100.0	3.1	17.9	18.7	36.6	11.8	12.0	12.3
1968	75,101	100.0	2.9	16.8	18.2	37.5	12.2	12.4	12.3
1969	76,753	100.0	2.7	15.9	17.8	38.4	12.6	12.6	12.4
1970	78,955	100.0	2.4	15.1	17.3	39.0	13.3	12.9	12.4
1971	80,128	100.0	2.2	14.1	16.7	39.4	13.9	13.6	12.4
1972	85,832	100.0	2.1	12.9	19.2	38.7	13.6	13.6	12.4
1973	87,958	100.0	2.0	11.6	18.6	39.4	14.2	14.1	12.5
1974	90,477	100.0	1.8	10.9	18.1	39.2	15.1	15.0	12.5
1975	92,328	100.0	1.7	10.0	17.6	39.6	15.5	15.7	12.5
1976	94,329	100.0	1.5	9.1	17.2	39.7	16.1	16.5	12.6
1977	97,243	100.0	1.5	8.6	17.2	39.4	16.4	16.9	12.6
1978	100,125	100.0	1.4	8.2	16.8	39.5	17.1	16.9	12.6
1979	103,478	100.0	1.4	7.5	16.0	39.9	17.6	17.6	12.6
1980	105,449	100.0	1.2	7.1	15.5	40.1	17.9	18.2	12.7
1981	107,721	100.0	1.2	6.7	14.9	40.9	17.9	18.3	12.7
1982	108,762	100.0	1.1	6.2	14.3	41.0	18.0	19.3	12.7
1983	109,814	100.0	1.1	5.7	13.5	40.5	18.7	20.5	12.7
1984	111,943	100.0	1.0	5.5	13.0	40.7	19.0	20.9	12.8
Men									
1959	44,286	100.0	6.1	26.9	20.2	27.2	9.1	10.4	11.5
1962	45,011	100.0	5.4	24.2	19.6	28.7	10.4	11.7	12.0
1964	45,600	100.0	4.4	22.5	19.4	31.1	10.6	12.1	12.1
1965	46,258	100.0	4.4	21.3	19.4	32.0	10.5	12.4	12.2
1966	46,356	100.0	3.9	20.6	19.3	32.6	10.7	12.8	12.2
1967	46,571	100.0	3.7	19.7	18.8	32.9	11.7	13.2	12.2
1968	47,255	100.0	3.4	18.6	18.6	33.8	12.2	13.6	12.3
1969	47,862	100.0	3.2	17.6	18.1	34.4	12.6	13.9	12.3
1970	48,891	100.0	2.9	16.9	17.5	35.1	13.5	14.2	12.4
1971	49,553	100.0	2.7	15.8	16.9	35.7	14.0	14.9	12.4
1972	52,705	100.0	2.5	14.5	19.2	35.0	13.8	15.0	12.4
1973	53,761	100.0	2.4	13.1	18.6	35.8	14.5	15.6	12.4
1974	54,767	100.0	2.3	12.4	18.0	36.0	14.9	16.4	12.5
1975	55,346	100.0	2.2	11.1	17.6	36.2	15.6	17.3	12.5
1976	55,929	100.0	1.9	10.2	17.2	36.4	16.1	18.2	12.6
1977	57,189	100.0	1.9	9.8	17.3	35.9	16.5	18.7	12.6
1978	58,376	100.0	1.8	9.4	17.0	35.9	17.1	18.8	12.6
1979	59,632	100.0	1.6	8.7	16.1	36.6	17.5	19.6	12.6
1980	60,514	100.0	1.5	8.3	16.0	36.5	17.7	20.0	12.7
1981	61,306	100.0	1.5	7.9	15.4	37.5	17.4	20.3	12.7
1982	61,666	100.0	1.4	7.3	14.8	37.9	17.3	21.3	12.7
1983	62,035	100.0	1.4	6.7	14.1	37.5	17.8	22.5	12.7
1984	62,733	100.0	1.2	6.6	13.6	37.8	18.1	22.7	12.8

See footnotes at end of table.

Table 61. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959-84—Continued

(Number in thousands)

Year, sex, race, and Hispanic origin	Total	Percent distribution							Median school years completed
		Total	Elementary		High school		College		
			Less than 5 years[1]	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
Women									
1959	21,556	100.0	3.5	21.5	19.1	38.1	9.7	8.1	12.2
1962	22,977	100.0	3.0	18.8	18.8	38.7	11.2	9.5	12.2
1964	24,326	100.0	2.4	17.8	18.8	40.9	10.6	9.5	12.3
1965	24,871	100.0	2.4	16.6	18.7	41.9	10.4	10.0	12.3
1966	25,602	100.0	2.1	15.7	18.4	43.0	11.0	9.9	12.3
1967	26,647	100.0	2.1	14.8	18.5	42.9	11.8	9.9	12.3
1968	27,846	100.0	1.9	14.1	17.6	43.7	12.3	10.5	12.4
1969	28,891	100.0	1.8	13.1	17.3	45.0	12.4	10.4	12.4
1970	30,064	100.0	1.5	12.2	16.9	45.5	13.2	10.7	12.4
1971	30,575	100.0	1.4	11.5	16.4	45.4	13.9	11.4	12.5
1972	33,127	100.0	1.4	10.2	19.2	44.7	13.2	11.4	12.4
1973	34,196	100.0	1.4	9.2	18.6	45.2	13.8	12.0	12.5
1974	35,709	100.0	1.1	8.6	18.1	44.2	15.2	12.8	12.5
1975	36,982	100.0	1.0	8.1	17.6	44.7	15.4	13.3	12.5
1976	38,400	100.0	1.0	7.4	17.2	44.5	16.0	14.1	12.6
1977	40,054	100.0	.9	6.9	17.1	44.5	16.4	14.5	12.6
1978	41,748	100.0	.9	6.5	16.6	44.5	17.2	14.4	12.6
1979	43,845	100.0	1.0	5.8	16.0	44.5	17.9	15.0	12.6
1980	44,934	100.0	.7	5.5	14.9	45.0	18.1	15.9	12.6
1981	46,414	100.0	.8	5.1	14.2	45.5	18.6	15.7	12.7
1982	47,095	100.0	.8	4.8	13.7	45.2	18.9	16.6	12.7
1983	47,779	100.0	.7	4.4	12.9	44.4	19.9	17.8	12.7
1984	49,210	100.0	.7	4.2	12.1	44.4	20.1	18.5	12.7
WHITE									
1959	58,726	100.0	3.8	23.9	19.6	32.5	9.8	10.3	12.1
1962	60,451	100.0	3.3	21.4	18.8	33.5	11.3	11.8	12.2
1964	62,213	100.0	2.7	19.8	18.5	36.0	11.1	11.9	12.2
1965	63,261	100.0	2.7	18.9	18.4	36.8	11.0	12.2	12.3
1966	63,958	100.0	2.3	17.8	18.3	37.7	11.2	12.5	12.3
1967	65,076	100.0	2.2	16.9	18.1	37.7	12.4	12.8	12.3
1968	66,721	100.0	1.9	16.1	17.4	38.6	12.8	13.2	12.4
1969	68,300	100.0	2.0	15.1	16.9	39.7	13.0	13.4	12.4
1970	70,186	100.0	1.8	14.4	16.4	40.0	13.9	13.6	12.4
1971	71,182	100.0	1.7	13.5	15.8	40.2	14.5	14.4	12.5
1972	76,302	100.0	1.6	12.2	18.4	39.5	14.1	14.3	12.5
1973	77,903	100.0	1.6	11.0	17.8	40.2	14.6	14.8	12.5
1974	80,083	100.0	1.4	10.3	17.4	39.8	15.4	15.7	12.5
1975	81,789	100.0	1.3	9.5	16.8	40.2	15.9	16.3	12.6
1976	83,351	100.0	1.2	8.6	16.4	40.2	16.5	17.2	12.6
1977	85,820	100.0	1.2	8.0	16.3	40.0	16.8	17.6	12.6
1978	87,947	100.0	1.1	7.7	15.9	40.1	17.4	17.7	12.6
1979	90,858	100.0	1.1	7.1	15.2	40.4	17.8	18.4	12.7
1980	92,693	100.0	1.0	6.8	14.7	40.4	18.0	19.1	12.7
1981	94,303	100.0	1.0	6.4	14.1	41.3	18.0	19.1	12.7
1982	95,107	100.0	1.0	5.8	13.7	41.5	18.0	20.0	12.7
1983	95,657	100.0	1.0	5.5	12.9	40.7	18.8	21.2	12.8
1984	97,617	100.0	.8	5.2	12.4	40.9	19.1	21.8	12.8

See footnotes at end of table.

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Table 61. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959-84—Continued

(Number in thousands)

Year, sex, race, and Hispanic origin	Total	Percent distribution							Median school years completed
		Total	Elementary		High school		College		
			Less than 5 years[1]	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
Men									
1959	39,956	100.0	4.4	26.1	20.2	28.6	9.6	11.2	11.8
1962	40,503	100.0	3.8	23.4	19.3	29.9	11.0	12.6	12.1
1964	41,028	100.0	3.2	21.7	18.8	32.4	11.1	12.7	12.2
1965	41,652	100.0	3.2	20.7	18.8	33.2	11.0	13.1	12.2
1966	41,706	100.0	2.8	19.8	18.7	33.8	11.1	13.7	12.3
1967	41,911	100.0	2.6	18.8	18.3	33.9	12.3	14.1	12.3
1968	42,483	100.0	2.4	17.9	17.9	34.7	12.7	14.4	12.3
1969	43,111	100.0	2.4	16.9	17.4	35.4	13.1	14.7	12.4
1970	43,962	100.0	2.1	16.2	16.7	35.8	14.1	15.0	12.4
1971	44,541	100.0	2.0	15.2	16.1	36.4	14.5	15.8	12.5
1972	47,413	100.0	1.9	13.8	18.5	35.7	14.4	15.8	12.4
1973	48,224	100.0	2.0	12.5	17.8	36.4	15.0	16.4	12.5
1974	49,008	100.0	1.7	11.8	17.3	36.5	15.4	17.2	12.5
1975	49,646	100.0	1.7	10.7	16.8	36.7	15.9	18.1	12.6
1976	50,154	100.0	1.5	9.7	16.4	36.7	16.5	19.0	12.6
1977	51,062	100.0	1.6	9.2	16.5	36.3	16.7	19.6	12.6
1978	52,001	100.0	1.5	8.9	16.2	36.3	17.2	19.8	12.6
1979	53,051	100.0	1.4	8.2	15.3	36.7	17.7	20.6	12.7
1980	53,883	100.0	1.3	8.0	15.2	36.6	17.8	21.0	12.7
1981	54,328	100.0	1.3	7.7	14.6	37.7	17.5	21.3	12.7
1982	54,552	100.0	1.3	6.9	14.2	38.1	17.3	22.3	12.7
1983	54,813	100.0	1.2	6.6	13.4	37.6	17.9	23.4	12.8
1984	55,418	100.0	1.0	6.3	13.0	37.7	18.3	23.7	12.8
Women									
1959	18,770	100.0	2.2	9.5	18.5	40.7	10.4	8.6	12.2
1962	19,948	100.0	2.1	17.4	17.9	40.8	11.9	10.0	12.3
1964	21,185	100.0	1.8	16.2	17.8	43.0	11.0	10.1	12.3
1965	21,609	100.0	1.7	15.3	17.7	43.9	11.0	10.3	12.3
1966	22,252	100.0	1.3	14.4	17.5	45.1	11.4	10.3	12.4
1967	23,165	100.0	1.3	13.5	17.6	44.7	12.4	10.4	12.4
1968	24,238	100.0	1.3	12.8	16.7	45.4	12.9	10.9	12.4
1969	25,189	100.0	1.3	11.9	16.2	46.9	12.8	10.9	12.4
1970	26,224	100.0	1.1	11.3	15.8	47.1	13.6	11.1	12.5
1971	26,641	100.0	1.1	10.6	15.3	46.6	14.4	11.9	12.5
1972	28,890	100.0	1.0	9.4	18.3	45.9	13.6	11.8	12.5
1973	29,679	100.0	1.0	8.5	17.7	46.4	14.0	12.3	12.5
1974	31,075	100.0	.8	7.8	17.4	45.2	15.5	13.3	12.5
1975	32,144	100.0	.7	7.5	16.9	45.7	15.6	13.6	12.5
1976	33,197	100.0	.8	6.8	16.4	45.3	16.3	14.5	12.6
1977	34,758	100.0	.7	6.2	16.2	45.5	16.6	14.7	12.6
1978	35,945	100.0	.7	6.1	15.7	45.6	17.3	14.7	12.6
1979	37,807	100.0	.8	5.3	15.2	45.5	17.8	15.4	12.6
1980	38,810	100.0	.6	5.0	14.0	45.8	18.2	16.3	12.7
1981	39,975	100.0	.6	4.7	13.5	46.3	18.7	16.1	12.7
1982	40,554	100.0	.6	4.3	13.0	46.1	18.9	17.0	12.7
1983	40,843	100.0	.6	3.9	12.3	44.8	20.0	18.2	12.7
1984	42,199	100.0	.6	3.8	11.6	45.0	20.0	18.9	12.8

See footnotes at end of table.

Table 61. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959-84—Continued

(Number in thousands)

Year, sex, race, and Hispanic origin	Total	Percent distribution							Median school years completed
		Total	Elementary		High school		College		
			Less than 5 years[1]	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
BLACK[2]									
1959	7,116	100.0	17.8	35.5	21.1	16.5	4.9	4.1	8.6
1962	7,537	100.0	15.4	29.8	28.2	21.0	5.7	4.8	9.6
1964	7,713	100.0	11.6	29.2	24.7	22.2	6.6	5.7	10.1
1965	7,868	100.0	11.8	25.7	24.9	24.4	6.1	7.0	10.5
1966	8,000	100.0	11.1	26.7	23.3	24.8	7.1	5.8	10.5
1967	8,142	100.0	10.4	25.5	23.7	27.5	7.2	5.8	10.8
1968	8,380	100.0	9.5	23.5	24.3	28.3	7.7	6.7	11.1
1969	8,453	100.0	8.6	22.6	24.7	28.4	9.0	6.7	11.3
1970	8,769	100.0	7.4	20.6	24.7	31.0	9.0	7.4	11.7
1971	8,912	100.0	6.5	19.5	24.4	32.7	9.5	7.4	11.9
1972	9,462	100.0	6.0	18.6	25.6	32.4	9.4	8.0	12.0
1973	9,953	100.0	5.0	16.4	24.9	33.6	11.0	9.0	12.1
1974	10,258	100.0	5.2	15.6	28.7	34.1	12.1	9.3	12.2
1975	10,369	100.0	4.9	14.0	23.1	34.8	12.4	10.8	12.2
1976	10,773	100.0	4.1	13.1	22.6	36.1	12.8	11.3	12.3
1977	9,596	100.0	3.7	13.9	24.5	35.6	13.4	8.9	12.2
1978	10,124	100.0	3.7	11.8	24.9	35.9	14.9	8.9	12.3
1979	10,386	100.0	3.3	11.4	23.2	37.6	15.0	9.0	12.3
1980	10,472	100.0	2.7	9.7	23.1	39.3	16.1	9.1	12.4
1981	10,894	100.0	2.3	9.5	22.4	39.6	16.9	9.3	12.4
1982	11,067	100.0	2.0	9.5	20.9	39.4	18.0	10.2	12.4
1983	11,352	100.0	2.0	8.3	19.4	41.6	17.7	11.0	12.5
1984	11,696	100.0	1.7	8.3	18.4	41.5	18.5	11.6	12.5
Men[2]									
1959	4,330	100.0	22.5	35.5	20.4	13.8	4.0	3.8	8.1
1962	4,508	100.0	19.3	31.2	22.2	18.3	5.4	3.6	9.0
1964	4,572	100.0	14.8	29.9	24.5	19.1	5.7	6.1	9.7
1965	4,606	100.0	15.4	26.4	24.4	21.4	6.0	6.4	10.0
1966	4,650	100.0	14.1	28.0	24.3	21.9	6.6	5.1	10.0
1967	4,660	100.0	13.1	27.3	23.3	24.4	6.7	5.3	10.2
1968	4,772	100.0	12.2	24.0	25.0	25.3	7.6	6.0	10.7
1969	4,751	100.0	10.9	24.2	24.7	25.6	8.1	6.5	10.8
1970	4,929	100.0	9.7	22.7	24.6	28.3	[illegible]	6.8	11.1
1971	4,993	100.0	9.2	21.2	24.5	29.2	9.0	7.0	11.4
1972	5,254	100.0	7.9	20.7	25.6	29.2	8.6	7.9	11.5
1973	5,480	100.0	6.1	18.9	25.4	31.1	9.9	8.5	11.9
1974	5,683	100.0	6.6	17.5	24.0	31.5	10.8	9.5	12.1
1975	5,606	100.0	6.6	15.2	23.8	31.7	11.8	10.8	12.1
1976	5,661	100.0	5.7	15.2	22.8	33.4	12.1	10.7	12.2
1977	5,100	100.0	5.3	15.7	24.9	33.1	13.5	7.4	12.1
1978	5,290	100.0	5.2	13.7	25.3	33.2	14.6	8.0	12.2
1979	5,368	100.0	4.4	13.0	23.8	36.5	13.9	8.1	12.2
1980	5,360	100.0	4.1	10.8	24.1	37.5	15.8	7.6	12.3
1981	5,549	100.0	3.3	10.9	24.1	37.6	15.9	8.2	12.3
1982	5,666	100.0	2.8	10.7	21.9	38.2	16.9	9.5	12.4
1983	5,722	100.0	2.8	9.6	21.5	39.8	15.9	10.3	12.4
1984	5,915	100.0	2.6	9.4	20.5	40.7	16.3	10.6	12.4

See footnotes at end of table.

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Table 61. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959-84—Continued

(Number in thousands)

Year, sex, race, and Hispanic origin	Total	Percent distribution							Median school years completed
		Total	Elementary		High school		College		
			Less than 5 years[1]	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	
Women[2]									
1959	2,786	100.0	12.3	35.1	22.7	20.3	5.1	4.6	9.4
1962	3,029	100.0	9.8	27.8	24.8	24.9	6.0	6.7	10.5
1964	3,141	100.0	7.0	28.2	25.1	26.6	7.8	5.3	10.8
1965	3,262	100.0	6.7	24.9	25.7	28.6	8.3	7.8	11.1
1966	3,350	100.0	7.0	24.9	24.4	28.9	7.9	6.9	11.2
1967	3,482	100.0	6.9	23.1	24.2	31.6	7.9	6.4	11.5
1968	3,608	100.0	5.9	22.7	23.4	32.3	7.9	7.8	11.7
1969	3,702	100.0	5.6	20.7	24.7	31.9	10.1	7.0	11.9
1970	3,840	100.0	4.5	17.8	24.8	34.5	10.3	8.1	12.1
1971	3,919	100.0	3.1	17.4	24.2	37.1	10.1	8.0	12.1
1972	4,208	100.0	3.6	16.0	25.6	36.4	10.3	8.1	12.1
1973	4,472	100.0	3.6	13.4	24.2	36.8	12.4	9.5	12.2
1974	4,574	100.0	3.3	13.4	23.1	37.4	13.6	9.2	12.3
1975	4,763	100.0	2.8	12.7	22.4	38.4	13.1	10.8	12.8
1976	5,113	100.0	2.4	11.0	22.2	38.9	13.6	12.1	12.4
1977	4,497	100.0	1.8	11.9	24.0	38.3	13.4	10.6	12.3
1978	4,874	100.0	2.0	10.2	24.4	38.7	15.1	9.7	12.4
1979	5,041	100.0	2.0	10.0	22.3	38.7	17.3	9.8	12.4
1980	5,112	100.0	1.1	8.5	22.1	41.2	16.4	10.7	12.4
1981	5,346	100.0	1.3	8.0	20.6	41.6	17.9	10.5	12.5
1982	5,401	100.0	1.1	8.3	19.9	40.7	19.2	10.9	12.5
1983	5,631	100.0	1.1	7.0	17.3	43.5	19.5	11.7	12.6
1984	5,781	100.0	.9	7.0	16.3	42.4	20.7	12.6	12.6
HISPANIC ORIGIN									
1974	3,823	100.0	11.8	23.0	20.6	28.4	10.6	5.7	11.2
1975	4,038	100.0	10.8	22.9	20.0	28.4	11.1	6.8	11.5
1976	3,959	100.0	10.5	21.3	19.8	30.8	10.9	6.6	11.8
1977	4,185	100.0	9.9	20.1	21.3	29.4	12.7	6.6	11.9
1978	4,683	100.0	9.5	21.4	20.0	29.5	13.0	6.6	11.9
1979	4,829	100.0	10.1	20.7	19.0	31.0	12.6	6.4	12.0
1980	5,348	100.0	9.2	19.7	19.1	31.5	13.1	7.4	12.1
1981	5,616	100.0	8.6	20.4	19.3	30.6	13.4	7.6	12.1
1982	5,916	100.0	8.5	19.9	18.1	32.0	13.6	7.9	12.1
1983	5,893	100.0	8.4	19.1	17.8	32.6	13.9	8.2	12.1
1984	6,249	100.0	7.4	19.2	18.2	31.8	15.1	8.3	12.2
Men									
1974	2,392	100.0	13.7	23.5	21.2	25.4	10.4	5.8	10.8
1975	2,521	100.0	12.6	24.1	20.3	25.0	10.8	7.1	11.0
1976	2,395	100.0	11.9	22.6	20.6	26.9	10.5	7.5	11.3
1977	2,525	100.0	11.9	20.8	21.9	26.2	12.2	6.9	11.4
1978	2,819	100.0	11.1	22.8	20.7	26.2	12.7	6.6	11.3
1979	2,899	100.0	12.0	22.6	19.8	26.8	12.5	6.3	11.3
1980	3,259	100.0	11.0	21.3	19.7	27.8	12.8	7.4	11.7
1981	3,429	100.0	10.3	22.0	20.7	26.7	12.3	8.0	11.6
1982	3,562	100.0	10.0	21.6	18.6	28.7	13.2	7.8	12.0
1983	3,521	100.0	9.9	20.4	17.9	30.4	13.5	7.9	12.1
1984	3,635	100.0	8.7	21.4	19.0	29.0	13.7	8.3	12.0
Women									
1974	1,432	100.0	8.6	22.1	19.9	33.3	10.8	5.4	11.9
1975	1,518	100.0	7.6	20.8	19.3	34.0	11.9	6.2	12.1
1976	1,563	100.0	8.1	19.3	18.6	37.0	11.7	5.1	12.1
1977	1,659	100.0	6.7	19.1	20.3	34.3	13.6	5.8	12.1
1978	1,864	100.0	7.1	19.1	19.0	34.7	13.6	6.5	12.1
1979	1,930	100.0	7.3	17.9	17.9	37.4	13.0	6.5	12.2
1980	2,089	100.0	6.3	17.2	18.1	37.4	13.7	7.3	12.2
1981	2,187	100.0	6.0	18.0	17.1	36.9	15.1	7.0	12.2
1982	2,354	100.0	6.2	17.3	17.4	36.8	14.2	8.0	12.2
1983	2,372	100.0	6.2	17.2	17.7	35.9	14.5	8.6	12.3
1984	2,614	100.0	5.7	16.2	17.1	35.7	17.1	8.3	12.3

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[1] Includes persons reporting no school years completed.

[2] Prior to 1977, data refer to black and other workers.

NOTE: Data for 1972 forward refer to persons 16 years and over; 18 years and over for prior years. Data for persons whose educational attainment was not reported were distributed among the other categories. Surveys of educational attainment were not conducted in 1960, 1961, and 1963.

Table 62. Unemployment rates by educational attainment, sex, race, and Hispanic origin, March, selected years, 1959-84

Year, sex, race, and Hispanic origin	Total[1]	Elementary		High school		College	
		Less than 5 years[2]	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
TOTAL							
1959	6.2	9.5	8.1	8.5	4.8	3.5	1.4
1962	6.0	10.3	7.6	8.3	5.1	3.7	1.4
1964	5.5	8.2	7.4	7.2	4.8	4.3	1.5
1965	4.7	7.1	5.6	7.4	4.1	3.3	1.4
1966	3.7	5.4	4.8	5.3	3.1	3.0	1.1
1967	3.6	5.1	4.6	5.5	3.2	2.7	.9
1968	3.4	5.2	4.2	5.4	3.1	2.6	1.0
1969	3.1	2.9	3.8	4.9	2.9	2.5	.9
1970	4.2	5.5	4.8	6.3	3.9	3.9	1.5
1971	5.8	6.5	6.9	8.7	5.5	5.6	2.3
1972	6.1	6.1	7.0	10.1	5.6	4.9	2.5
1973	5.2	4.4	6.4	8.9	4.6	4.0	2.1
1974	5.3	4.8	6.2	9.6	4.8	4.2	2.0
1975	9.2	12.9	11.6	15.2	9.1	6.9	2.9
1976	8.1	8.5	10.0	13.6	8.2	6.3	2.8
1977	7.9	9.4	10.3	13.8	7.5	6.0	3.3
1978	6.6	7.7	8.5	12.4	6.2	4.6	2.5
1979	6.1	7.7	7.7	12.2	5.8	4.3	2.3
1980	6.8	9.0	9.9	13.0	6.7	5.0	2.1
1981	7.9	10.5	11.9	15.3	8.1	5.1	2.4
1982	9.7	16.9	13.6	18.0	10.3	6.9	3.2
1983	10.9	16.8	16.1	20.8	11.7	8.1	3.8
1984	8.2	12.9	12.9	17.1	8.6	5.9	2.8
Men							
1959	6.3	9.3	8.3	8.1	4.9	3.3	1.9
1962	6.0	11.0	7.9	7.8	4.8	4.0	1.4
1964	5.2	8.7	7.3	6.6	4.1	3.8	1.5
1965	4.4	6.4	5.7	6.7	3.4	3.1	1.4
1966	3.4	5.5	4.8	4.9	2.6	2.8	1.0
1967	3.1	5.0	4.3	4.6	2.5	2.2	.7
1968	3.0	4.9	3.7	4.8	2.5	2.3	.7
1969	2.6	2.7	3.5	4.2	2.0	2.2	.9
1970	3.7	5.8	4.2	5.6	3.4	3.8	1.3
1971	5.5	6.6	6.7	8.0	5.0	5.6	2.0
1972	5.9	6.1	6.8	9.7	5.4	4.8	2.2
1973	4.7	3.7	6.2	8.4	4.0	3.9	1.8
1974	4.8	4.9	5.7	8.9	4.3	3.8	1.8
1975	9.0	13.5	11.7	14.7	9.1	6.6	2.5
1976	7.8	8.6	9.7	13.5	8.0	6.3	2.4
1977	7.5	9.2	9.7	13.4	7.2	5.5	2.8
1978	6.3	7.4	8.4	12.1	5.9	4.3	2.2
1979	5.8	7.0	7.1	11.9	5.5	4.3	1.9
1980	6.8	8.8	9.8	12.8	6.9	5.0	1.8
1981	8.1	11.0	11.5	15.6	8.8	5.2	2.1
1982	10.3	16.7	13.2	19.4	11.3	7.5	3.2
1983	11.9	18.2	16.3	21.4	13.6	9.3	3.6
1984	8.6	13.1	12.9	17.6	9.4	5.7	2.6

See footnotes at end of table.

Table 62. Unemployment rates by educational attainment, sex, race, and Hispanic origin, March, selected years, 1959-84—Continued

Year, sex, race, and Hispanic origin	Total[1]	Elementary		High school		College	
		Less than 5 years[2]	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
Women							
1959	6.0	10.4	7.8	9.3	4.7	3.8	1.3
1962	6.0	7.9	6.9	9.2	5.7	3.2	1.5
1964	6.1	6.6	7.7	8.5	5.6	5.2	1.6
1965	5.3	9.4	5.4	8.6	5.0	3.6	1.3
1966	4.1	4.8	4.8	6.1	3.8	3.3	1.3
1967	4.5	5.5	5.4	7.0	4.1	3.6	1.4
1968	4.2	6.1	5.5	6.6	3.8	3.0	1.6
1969	4.0	3.7	4.6	6.2	3.9	3.0	1.1
1970	4.9	4.5	6.2	7.4	4.6	4.0	2.0
1971	6.4	6.6	7.3	9.8	6.0	5.7	2.9
1972	6.5	6.1	7.4	10.7	5.8	5.0	3.1
1973	5.8	6.1	6.6	9.7	5.3	4.3	2.7
1974	6.0	4.7	7.2	10.6	5.4	4.7	2.3
1975	9.5	10.8	11.6	15.9	9.1	7.4	3.6
1976	8.5	8.2	10.8	13.7	8.4	6.5	3.5
1977	8.5	9.9	11.4	14.3	7.8	6.8	4.2
1978	7.0	8.3	8.6	12.9	6.6	5.1	3.0
1979	6.6	9.6	9.2	12.7	6.1	4.3	3.0
1980	6.7	9.6	10.2	13.3	6.4	4.9	2.5
1981	7.6	9.1	12.7	15.0	7.4	5.0	3.0
1982	8.9	17.4	14.6	16.0	9.2	6.1	3.3
1983	9.7	13.5	15.7	19.6	9.7	6.8	4.0
1984	7.7	12.5	12.9	16.2	7.6	6.1	2.7
WHITE							
1962	5.2	8.0	(³)	7.2	4.6	(³)	(³)
1964	5.0	9.3	(³)	6.4	4.3	(³)	(³)
1965	4.3	7.4	(³)	6.4	3.7	(³)	(³)
1966	3.3	6.1	4.5	4.5	2.8	2.8	1.0
1967	3.2	4.4	4.2	4.6	2.9	2.5	.8
1968	3.0	5.4	4.0	4.6	2.7	2.5	1.0
1969	2.8	3.2	3.6	4.4	2.6	2.3	.9
1970	3.9	5.3	4.7	5.7	3.6	3.7	1.5
1971	5.5	7.2	6.6	8.1	5.1	5.4	2.2
1972	5.6	5.9	6.5	9.2	5.1	4.5	2.5
1973	4.7	4.7	6.1	8.0	4.1	3.6	2.1
1974	4.8	5.4	5.7	8.7	4.3	3.9	1.8
1975	8.5	15.2	10.9	14.0	8.4	6.6	2.8
1976	7.4	8.6	10.0	12.6	7.5	5.7	2.8
1977	7.2	8.7	9.9	12.7	6.8	5.5	3.2
1978	5.8	7.6	8.3	10.7	5.5	4.1	2.3
1979	5.4	7.5	7.4	10.9	5.0	3.8	2.1
1980	6.0	8.7	9.8	11.6	5.9	4.4	1.9
1981	7.0	10.0	11.7	13.5	7.2	4.4	2.3
1982	8.6	15.2	13.2	17.0	9.1	5.8	2.9
1983	9.7	15.1	16.1	19.0	10.3	7.0	3.4
1984	7.2	12.9	12.2	15.2	7.4	5.1	2.6

See footnotes at end of table.

Table 62. Unemployment rates by educational attainment, sex, race, and Hispanic origin, March, selected years, 1959-84—Continued

Year, sex, race, and Hispanic origin	Total[1]	Elementary		High school		College	
		Less than 5 years[2]	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
BLACK							
1962	12.1	12.6	([3])	15.3	12.4	([3])	([3])
1964	10.0	7.8	([3])	12.5	10.1	([3])	([3])
1965	8.5	7.8	([3])	13.5	8.2	([3])	([3])
1966	7.0	5.5	6.6	9.7	7.0	6.3	1.9
1967	7.3	6.3	6.9	10.6	6.5	5.8	1.9
1968	6.5	4.9	5.7	9.8	6.7	3.9	1.6
1969	5.7	2.7	5.0	7.6	6.4	4.8	1.2
1970	6.7	5.7	5.3	9.5	7.2	6.1	1.4
1971	8.8	5.2	8.4	11.8	8.8	9.0	3.3
1972	10.4	6.6	9.4	15.5	9.6	9.7	2.8
1973	8.9	3.6	7.5	13.6	8.8	8.8	2.3
1974	9.3	3.9	8.5	14.7	8.9	6.9	3.4
1975	14.7	8.6	15.8	22.0	15.2	10.1	3.9
1976	13.1	8.2	10.4	19.0	14.3	12.5	3.0
1977[4]	14.7	12.2	12.0	20.0	14.4	12.5	5.0
1978	13.2	8.2	8.9	21.6	12.7	10.4	4.7
1979	12.6	9.1	10.3	19.6	12.6	8.8	4.2
1980	13.4	8.5	11.6	20.5	13.1	10.8	4.4
1981	15.9	11.7	13.2	24.7	16.4	11.8	4.0
1982	18.9	23.4	16.1	24.1	20.7	15.8	8.3
1983	21.0	21.8	16.2	29.5	22.8	17.3	8.5
1984	17.2	15.7	16.7	27.3	18.3	12.0	6.3
HISPANIC ORIGIN							
1973	7.2	6.6	6.7	10.2	6.0	5.7	5.0
1974	8.1	6.5	9.0	12.2	7.1	5.0	4.8
1975	12.8	16.5	14.2	18.4	10.5	7.9	3.6
1976	11.4	9.4	12.3	15.5	11.6	8.2	4.4
1977	11.4	10.9	11.9	17.2	10.0	8.2	5.0
1978	9.5	10.5	10.0	14.0	7.4	7.3	7.3
1979	8.7	8.2	7.0	14.6	8.2	6.5	3.6
1980	9.2	9.2	12.8	14.3	7.1	5.9	3.7
1981	11.2	11.1	14.4	17.0	9.7	6.3	2.8
1982	13.4	16.2	15.4	21.8	11.4	7.1	4.9
1983	16.3	20.6	18.6	23.9	14.4	10.9	6.8
1984	11.6	17.8	12.9	18.4	9.6	7.2	3.5

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[1] Data for 1972 forward refer to persons 16 years and over, 18 years and over for period years.

[2] Includes persons reporting no school years completed.

[3] Not available.

[4] Prior to 1977, data refer to black and other workers.

NOTE: Surveys of educational attainment were not conducted in 1960, 1961, and 1963.

Technical Notes

Current Employment Statistics Program
(survey of business establishments)

(Covers tables 63–87)

This statistical program is conducted by BLS in cooperation with State agencies. Data from payroll records, submitted voluntarily by over 200,000 employers, provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments by industry and geographic location.

For complete historical data, see *Employment, Hours, and Earnings, United States, 1909-84*, Bulletin 1312-12, and *Employment, Hours, and Earnings, States and Areas, 1939–82*, Bulletin 1370–17, and their supplements.

Collection

Form BLS 790 (Report on Employment, Payroll, and Hours) is the name of the data collection schedule. It is of the "shuttle" type, with spaces for each month of the calendar year. The cooperating State agencies mail the reporting forms to the participating establishments each month, use the information to prepare State and area estimates, and then send the data to BLS in Washington for use in preparing national series.

Form BLS 790 provides for reporting of data on the number of full- and part-time workers for the pay period which includes the 12th of the month. For the same period in most industries, it also provides for reporting data on payroll and hours of production and related workers, or nonsupervisory workers.

Concepts and definitions

Industrial classification of all data on employment, hours, and earnings for the Nation and for States and areas is in accordance with the *1972 Standard Industrial Classification Manual*, Office of Management and Budget.

Employment data refer to persons on establishment payrolls who receive pay for any part of the reference pay period, and include workers on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, and those who work during a part of the pay period and are unemployed or on strike during the rest of the period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers are excluded. Government employment covers civilian employees only.

Hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining; construction workers in construction; and nonsupervisory employees in the remaining nonfarm components.

The *payroll* figures relate to full- and part-time production, construction, or nonsupervisory workers who receive pay for any part of the reference period. They are reported before deduction of any kind; for example, for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues. Pay for overtime, holidays, vacations, and sick leave is also included.

Hours cover hours paid for during the pay period of reference for production, construction, or nonsupervisory workers. The hours include hours paid for holidays and vacations, and for sick leave.

Overtime hours cover premium overtime hours of production and related workers during the pay period. Overtime hours are those for which premiums are paid because the hours were in excess of the number of hours of the straight-time workday or workweek.

Indexes of aggregate weekly hours are prepared by dividing the current month's aggregate by the monthly average for the 1977 period and multiplying that quotient by 100. The hours aggregates are the product of average weekly hours and production-worker employment.

Average hourly earnings are derived by dividing payrolls by hours. These averages are on a "gross" basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work, and changes in output of workers paid on an incentive plan. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payment of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definition.

The *Hourly Earnings Index* is calculated from the average hourly earnings series. It adjusts these data to exclude the effects of two types of change unrelated to underlying wage rate movements: Fluctuations in overtime in manufacturing (the only sector for which overtime data are available) and interindustry employment shifts.

Average hourly earnings excluding overtime in manufacturing are computed by dividing the total production worker payroll for the industry group by the sum of total production worker hours and one-half of total overtime hours, which is equivalent to payrolls divided by straight-time hours. This method assumes that overtime earnings are paid at one and one-half times the straight-time rates; no adjustment is made for other types of premium payments.

Average weekly earnings are obtained by multiplying average weekly hours by average hourly earnings. Weekly earnings are affected not only by changes in average hourly earnings, but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

Real earnings are calculated from earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). The base period is 1977.

Benchmark adjustments

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. The industry employment series are adjusted annually to new benchmarks (comprehensive counts of employment) to correct for sampling variability and for changes in the industrial activity of establishments. These adjustments may also affect the hours and earnings series since employment levels are used as weights. Measures of the reliability of the data obtained from the establishment survey and the actual amounts of revision due to benchmark adjustments are provided in tables M, O, P, and Q in the Explanatory Notes of *Employment and Earnings*.

Industry data for all national series in this edition of the *Handbook* have been adjusted to March 1983 benchmarks. Data from April 1983 forward are subject to revision at the time of the next benchmark adjustment. Data for the individual States are also subject to revision at the time the cooperating State agencies adjust their series to later benchmarks.

Comparability with other series

Total employment in nonagricultural establishments from the payroll survey is not directly comparable with the Bureau's estimates of nonagricultural employment obtained from the monthly household survey (Current Population Survey). The household survey, a count of persons, includes the self-employed, unpaid family workers, and private household workers. The payroll series, in contrast, is a count of jobs. Thus, the multiple jobholder, counted only once in the household survey, would be counted once for each job by the payroll survey. Employment estimates developed by quinquennial censuses may differ from payroll estimates due, primarily, to the reporting practices of multiproduct establishments, and administrative handling of central offices and auxiliary units.

For a more detailed description of this program, see chapter 2, "Employment, Hours, and Earnings from the Establishment Survey," of the *BLS Handbook of Methods*, BLS Bulletin 2134–1.

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Table 63. Employees on nonagricultural payrolls by industry, selected years, 1919-83

(In thousands)

Year	Total	Total private	Goods-producing					
			Total	Mining	Construction	Manufacturing		
						Total	Durable goods	Nondurable goods
1919	27,078	24,402	12,828	1,133	1,036	10,659	(1)	(1)
1920	27,340	24,737	12,760	1,239	863	10,658	(1)	(1)
1925	28,766	25,966	12,489	1,089	1,461	9,939	(1)	(1)
1930	29,409	26,261	11,958	1,009	1,387	9,562	(1)	(1)
1935	27,039	23,558	10,893	897	927	9,069	(1)	(1)
1940	32,361	28,159	13,221	925	1,311	10,985	5,363	5,622
1945	40,374	34,431	17,507	836	1,147	15,524	9,074	6,450
1950	45,197	39,170	18,506	901	2,364	15,241	8,094	7,147
1955	50,641	43,727	20,513	792	2,839	16,882	9,541	7,341
1960	54,189	45,836	20,434	712	2,926	16,796	9,459	7,337
1961	53,999	45,404	19,857	672	2,859	16,326	9,070	7,256
1962	55,549	46,660	20,451	650	2,948	16,853	9,480	7,373
1963	56,653	47,429	20,640	635	3,010	16,995	9,616	7,380
1964	58,283	48,686	21,005	634	3,097	17,274	9,816	7,458
1965	60,765	50,689	21,926	632	3,232	18,062	10,405	7,656
1966	63,901	53,116	23,158	627	3,317	19,214	11,282	7,930
1967	65,803	54,413	23,308	613	3,248	19,447	11,439	8,007
1968	67,897	56,058	23,737	606	3,350	19,781	11,626	8,155
1969	70,384	58,189	24,361	619	3,575	20,167	11,895	8,272
1970	70,880	58,325	23,578	623	3,588	19,367	11,208	8,158
1971	71,214	58,331	22,935	609	3,704	18,623	10,636	7,987
1972	73,675	60,341	23,668	628	3,889	19,151	11,049	8,102
1973	76,790	63,058	24,893	642	4,097	20,154	11,891	8,262
1974	78,265	64,095	24,794	697	4,020	20,077	11,925	8,152
1975	76,945	62,259	22,600	752	3,525	18,323	10,688	7,635
1976	79,382	64,511	23,352	779	3,576	18,997	11,077	7,920
1977	82,471	67,344	24,346	813	3,851	19,682	11,597	8,086
1978	86,697	71,026	25,585	851	4,229	20,505	12,274	8,231
1979	89,823	73,876	26,461	958	4,463	21,040	12,760	8,280
1980	90,406	74,166	25,658	1,027	4,346	20,285	12,187	8,098
1981	91,156	75,126	25,497	1,139	4,188	20,170	12,109	8,061
1982	89,566	73,729	23,813	1,128	3,905	18,781	11,039	7,741
1983	90,138	74,288	23,394	957	3,940	18,497	10,774	7,724

See footnotes at end of table.

Table 63. Employees on nonagricultural payrolls by industry, selected years, 1919-83—Continued

(In thousands)

Year	Service-producing									
	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government			
							Total	Federal	State	Local
1919	14,250	3,711	([1])	([1])	1,096	2,253	2,676	([1])	([1])	([1])
1920	14,580	3,998	([1])	([1])	1,160	2,352	2,603	([1])	([1])	([1])
1925	16,277	3,826	([1])	([1])	1,218	2,857	2,800	([1])	([1])	([1])
1930	17,451	3,685	([1])	([1])	1,460	3,361	3,148	526	([1])	([1])
1935	16,146	2,786	([1])	([1])	1,320	3,128	3,481	753	([1])	([1])
1940	19,140	3,038	1,835	4,914	1,485	3,665	4,202	996	([1])	([1])
1945	22,867	3,906	1,949	5,365	1,481	4,222	5,944	2,808	([1])	([1])
1950	26,691	4,034	2,635	6,751	1,888	5,357	6,026	1,928	([1])	([1])
1955	30,128	4,141	2,926	7,610	2,298	6,240	6,914	2,187	1,168	3,558
1960	33,755	4,004	3,143	8,248	2,629	7,378	8,353	2,270	1,536	4,547
1961	34,142	3,903	3,133	8,204	2,688	7,620	8,594	2,279	1,607	4,708
1962	35,098	3,906	3,198	8,368	2,754	7,982	8,890	2,340	1,668	4,881
1963	36,013	3,903	3,248	8,530	2,830	8,277	9,225	2,358	1,747	5,121
1964	37,278	3,951	3,337	8,823	2,911	8,660	9,596	2,348	1,856	5,392
1965	38,839	4,036	3,466	9,250	2,977	9,036	10,074	2,378	1,996	5,700
1966	40,743	4,158	3,597	9,648	3,058	9,498	10,784	2,564	2,141	6,080
1967	42,495	4,268	3,689	9,917	3,185	10,045	11,391	2,719	2,302	6,371
1968	44,160	4,318	3,779	10,320	3,337	10,567	11,839	2,737	2,442	6,660
1969	46,023	4,442	3,907	10,798	3,512	11,169	12,195	2,758	2,533	6,904
1970	47,302	4,515	3,993	11,047	3,645	11,548	12,554	2,731	2,664	7,158
1971	48,278	4,476	4,001	11,351	3,772	11,797	12,881	2,696	2,747	7,437
1972	50,007	4,541	4,113	11,836	3,908	12,276	13,334	2,684	2,859	7,790
1973	51,897	4,656	4,277	12,329	4,046	12,857	13,732	2,663	2,923	8,146
1974	53,471	4,725	4,433	12,554	4,148	13,441	14,170	2,724	3,039	8,407
1975	54,345	4,542	4,415	12,645	4,165	13,892	14,686	2,748	3,179	8,758
1976	56,030	4,582	4,546	13,209	4,271	14,551	14,871	2,733	3,273	8,865
1977	58,125	4,713	4,708	13,808	4,467	15,303	15,127	2,727	3,377	9,023
1978	61,113	4,923	4,969	14,573	4,724	16,252	15,672	2,753	3,474	9,446
1979	63,363	5,136	5,204	14,989	4,975	17,112	15,947	2,773	3,541	9,633
1980	64,748	5,146	5,275	15,035	5,160	17,890	16,241	2,866	3,610	9,765
1981	65,659	5,165	5,358	15,189	5,298	18,619	16,031	2,772	3,640	9,619
1982	65,753	5,082	5,278	15,179	5,341	19,036	15,837	2,739	3,640	9,458
1983	66,744	4,958	5,259	15,545	5,467	19,665	15,851	2,752	3,660	9,439

[1] Not available.

NOTE: Data include Alaska and Hawaii begining in 1959.

Table 64. Production or nonsupervisory workers[1] on private nonagricultural payrolls by industry, selected years, 1939-83

(In thousands)

Year	Total private	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate[2]	Services
				Total	Durable goods	Nondurable goods					
1939	(3)	(3)	(3)	8,318	3,895	4,423	(3)	(3)	(3)	(3)	(3)
1940	(3)	(3)	(3)	8,940	4,477	4,463	(3)	(3)	(3)	(3)	(3)
1945	(3)	(3)	(3)	13,009	7,541	5,468	(3)	(3)	(3)	(3)	(3)
1950	34,349	816	2,101	12,523	6,705	5,817	(3)	2,382	6,375	1,565	(3)
1955	37,500	680	2,477	13,288	7,548	5,740	(3)	2,574	7,117	1,889	(3)
1960	38,516	570	2,497	12,586	7,028	5,558	(3)	2,705	7,627	2,145	(3)
1961	37,989	532	2,426	12,083	6,618	5,465	(3)	2,684	7,567	2,189	(3)
1962	38,979	512	2,500	12,488	6,935	5,553	(3)	2,726	7,691	2,237	(3)
1963	39,553	498	2,562	12,555	7,027	5,527	(3)	2,758	7,820	2,291	(3)
1964	40,560	497	2,637	12,781	7,213	5,569	3,490	2,823	8,046	2,347	7,939
1965	42,278	494	2,749	13,434	7,715	5,719	3,561	2,922	8,436	2,388	8,295
1966	44,249	487	2,818	14,296	8,369	5,926	3,638	3,023	8,797	2,442	8,749
1967	45,137	469	2,741	14,308	8,364	5,944	3,718	3,085	9,037	2,534	9,246
1968	46,473	461	2,822	14,514	8,457	6,056	3,757	3,153	9,389	2,651	9,727
1969	48,208	472	3,012	14,767	8,651	6,116	3,863	3,260	9,834	2,797	10,205
1970	48,156	473	2,990	14,044	8,055	5,989	3,914	3,329	10,046	2,879	10,481
1971	48,148	455	3,071	13,544	7,664	5,880	3,872	3,315	10,300	2,937	10,655
1972	49,937	475	3,257	14,045	8,051	5,993	3,943	3,405	10,729	3,024	11,059
1973	52,201	486	3,405	14,834	8,728	6,107	4,034	3,547	11,168	3,121	11,606
1974	52,809	530	3,294	14,638	8,662	5,976	4,079	3,670	11,329	3,169	12,100
1975	50,991	571	2,808	13,043	7,557	5,485	3,894	3,637	11,387	3,173	12,479
1976	52,897	592	2,814	13,638	7,914	5,724	3,918	3,746	11,904	3,243	13,043
1977	55,179	618	3,021	14,135	8,307	5,828	4,008	3,878	12,438	3,397	13,683
1978	58,156	638	3,354	14,734	8,805	5,929	4,142	4,094	13,125	3,593	14,476
1979	60,367	719	3,565	15,068	9,110	5,958	4,299	4,274	13,474	3,776	15,193
1980	60,331	762	3,421	14,214	8,442	5,772	4,293	4,312	13,500	3,907	15,921
1981	60,927	841	3,261	14,020	8,294	5,727	4,283	4,360	13,598	3,999	16,565
1982	59,487	821	2,998	12,742	7,311	5,431	4,190	4,246	13,612	3,997	16,880
1983	60,021	678	3,026	12,581	7,151	5,430	4,073	4,220	13,951	4,066	17,428

[1] Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] Excludes data on nonoffice sales agents.

[3] Not available.

NOTE: Data include Alaska and Hawaii begining in 1959.

Table 65. Total employees and production workers on durable goods manufacturing payrolls by industry, selected years, 1939-83

(In thousands)

Category and year	Total	Lumber and wood products	Furniture and fixtures	Stone, clay and glass products	Primary metal industries		Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Transportation equipment		Instruments and related products	Miscellaneous manufacturing
					Total[1]	Blast furnaces and basic steel products				Total[1]	Motor vehicles and equipment		
TOTAL EMPLOYEES													
1939	4,715.0	(2)	(2)	370.0	(2)	515.5	(2)	588.0	435.0	644.0	460.7	(2)	(2)
1940	5,363.0	(2)	(2)	387.0	(2)	580.5	(2)	701.0	487.0	833.0	526.0	(2)	(2)
1945	9,074.0	(2)	(2)	407.0	(2)	600.7	(2)	1,307.0	967.0	2,544.0	656.0	(2)	(2)
1950	8,094.0	837.0	346.0	547.0	1,194.0	674.4	1,043.0	1,210.0	967.0	1,266.0	816.2	283.0	400.0
1955	9,541.0	771.1	346.5	588.4	1,266.9	706.9	1,221.2	1,448.5	1,226.8	1,893.8	891.2	381.8	396.2
1960	9,459.0	659.9	364.9	604.0	1,184.8	651.4	1,230.4	1,479.0	1,442.3	1,685.7	724.1	418.7	389.9
1961	9,070.0	614.4	350.0	582.0	1,100.1	595.5	1,181.3	1,418.6	1,443.4	1,590.9	632.3	410.9	378.2
1962	9,480.0	624.0	366.8	592.3	1,120.9	592.8	1,237.9	1,493.2	1,531.2	1,700.5	691.7	423.7	389.6
1963	9,616.0	631.0	371.3	600.8	1,127.3	589.9	1,263.9	1,529.3	1,515.0	1,766.9	741.3	423.4	386.8
1964	9,816.0	647.1	386.5	613.8	1,187.8	629.2	1,295.3	1,609.6	1,503.7	1,751.3	752.9	424.3	397.6
1965	10,405.0	654.0	410.2	628.3	1,252.8	657.3	1,372.3	1,735.3	1,815.2	1,872.6	842.7	445.2	419.5
1966	11,282.0	665.5	439.6	644.2	1,296.5	651.9	1,489.2	1,910.0	1,856.2	2,052.3	861.6	495.2	433.7
1967	11,439.0	649.1	434.1	628.3	1,267.0	635.2	1,556.6	1,969.6	1,907.2	2,080.0	815.8	518.8	428.4
1968	11,626.0	661.3	449.5	635.5	1,261.0	635.9	1,609.6	1,965.9	1,924.5	2,155.3	873.7	529.6	433.4
1969	11,895.0	677.7	461.3	656.4	1,305.0	643.8	1,665.6	2,032.6	1,966.0	2,142.3	911.4	547.3	441.0
1970	11,208.0	645.5	439.9	643.8	1,260.4	627.0	1,560.0	1,983.6	1,870.5	1,853.3	799.0	526.8	425.7
1971	10,636.0	668.9	443.6	644.7	1,171.0	573.9	1,480.1	1,815.2	1,744.3	1,761.3	848.5	494.9	411.7
1972	11,049.0	725.6	483.3	678.1	1,173.3	568.4	1,546.7	1,989.0	1,813.4	1,790.3	874.8	516.0	433.3
1973	11,891.0	759.2	506.8	715.7	1,259.1	604.6	1,651.1	2,089.0	1,969.5	1,929.3	976.5	557.3	454.4
1974	11,925.0	712.3	489.3	707.7	1,288.8	609.5	1,638.5	2,208.1	1,967.9	1,868.3	907.7	592.2	452.0
1975	10,688.0	614.7	416.9	629.0	1,139.0	548.2	1,458.3	2,056.8	1,701.6	1,715.0	792.4	550.1	406.8
1976	11,077.0	679.6	444.3	644.4	1,154.9	549.4	1,510.9	2,065.2	1,774.3	1,798.7	881.0	575.3	429.1
1977	11,597.0	721.9	464.3	668.7	1,181.6	554.3	1,582.8	2,174.7	1,878.0	1,871.5	947.3	615.1	438.4
1978	12,274.0	754.7	494.1	698.2	1,214.9	560.5	1,672.6	2,325.5	2,006.1	2,002.8	1,004.9	653.1	451.5
1979	12,760.0	766.9	497.8	708.7	1,253.9	570.5	1,717.7	2,484.8	2,116.9	2,077.2	990.4	691.2	444.8
1980	12,187.0	690.5	465.8	662.1	1,142.2	511.9	1,613.1	2,494.0	2,090.6	1,899.7	788.8	711.3	418.0
1981	12,109.0	666.2	464.3	637.9	1,122.4	506.1	1,590.0	2,498.3	2,093.7	1,897.9	788.7	730.1	408.3
1982	11,039.0	597.5	432.0	576.9	921.9	396.2	1,426.9	2,243.9	2,008.0	1,734.7	699.3	715.5	382.1
1983	10,774.0	657.5	446.9	572.6	838.0	343.1	1,373.8	2,038.3	2,023.8	1,756.3	757.8	694.9	371.3
PRODUCTION WORKERS													
1939	3,895.0	(2)	(2)	311.0	(2)	452.6	(2)	450.0	320.0	545.0	388.3	(2)	(2)
1940	4,477.0	(2)	(2)	329.0	(2)	519.6	(2)	550.0	366.0	718.0	448.6	(2)	(2)
1945	7,541.0	(2)	(2)	353.0	(2)	527.3	(2)	1,042.0	733.0	2,079.0	519.7	(2)	(2)
1950	6,705.0	770.0	302.0	473.0	1,031.0	586.8	862.0	929.0	752.0	1,027.0	677.1	216.0	344.0
1955	7,548.0	698.4	292.6	495.6	1,069.4	604.5	974.5	1,069.2	912.9	1,433.0	718.3	271.7	330.4
1960	7,028.0	587.9	303.5	491.8	956.9	528.4	944.1	1,035.9	975.1	1,146.6	563.3	271.8	314.3
1961	6,618.0	543.8	289.5	469.4	880.8	478.4	897.3	976.4	956.0	1,040.0	479.1	261.3	303.5
1962	6,935.0	554.7	304.5	477.7	901.5	476.3	945.6	1,037.8	1,023.3	1,108.0	534.0	268.8	313.2
1963	7,027.0	557.7	308.7	483.9	911.7	479.1	966.1	1,059.2	1,006.4	1,154.9	573.6	268.4	310.4
1964	7,213.0	566.6	320.9	493.8	967.1	515.6	993.0	1,120.4	1,008.9	1,156.8	579.2	267.5	317.9
1965	7,715.0	570.7	340.3	504.6	1,022.7	538.4	1,060.2	1,214.8	1,110.3	1,272.5	658.9	283.3	335.5
1966	8,369.0	578.1	364.4	517.3	1,055.5	530.9	1,159.6	1,343.6	1,288.6	1,399.9	670.3	316.4	346.1
1967	8,364.0	561.1	357.6	499.9	1,015.7	509.5	1,205.7	1,368.8	1,286.1	1,405.6	626.9	325.1	338.3
1968	8,457.0	571.1	371.5	508.9	1,002.6	506.2	1,244.4	1,342.5	1,284.6	1,465.2	680.8	326.1	340.4
1969	8,651.0	584.2	382.9	526.4	1,042.2	513.6	1,264.6	1,382.2	1,310.8	1,458.4	708.0	336.1	344.6
1970	8,055.0	553.9	362.4	512.1	999.7	499.7	1,189.6	1,322.9	1,233.5	1,235.5	605.3	317.1	328.7
1971	7,664.0	579.3	364.5	512.7	923.3	454.6	1,129.0	1,182.3	1,152.6	1,208.6	655.4	294.2	317.6
1972	8,051.0	627.2	400.4	544.4	932.9	452.6	1,190.1	1,245.1	1,219.8	1,238.6	676.0	312.9	339.9
1973	8,728.0	654.9	420.0	576.4	1,010.5	484.8	1,277.7	1,401.7	1,344.3	1,338.0	754.9	347.6	356.4
1974	8,662.0	608.1	401.9	569.3	1,029.5	487.3	1,257.0	1,481.3	1,321.3	1,269.5	687.5	370.3	353.8
1975	7,557.0	516.9	337.3	499.2	886.6	428.1	1,090.4	1,339.3	1,091.2	1,153.7	602.4	332.2	310.6
1976	7,914.0	576.3	364.0	513.5	904.4	430.5	1,139.0	1,339.9	1,159.9	1,235.3	682.4	352.7	328.7
1977	8,307.0	616.3	381.8	532.9	922.1	432.6	1,198.2	1,422.0	1,233.2	1,290.4	734.7	375.5	334.2
1978	8,805.0	646.6	406.3	554.3	954.3	441.7	1,270.0	1,526.4	1,317.9	1,383.9	781.7	400.3	344.5
1979	9,110.0	653.6	405.9	558.7	986.4	451.3	1,298.9	1,634.3	1,388.1	1,423.3	764.4	421.6	338.8
1980	8,442.0	577.7	375.8	513.1	877.6	395.7	1,195.1	1,602.3	1,328.4	1,233.1	575.4	425.5	313.1
1981	8,294.0	553.1	373.8	490.7	861.9	391.6	1,171.2	1,580.5	1,311.0	1,219.5	586.0	430.1	302.1
1982	7,311.0	488.2	341.8	435.7	683.4	293.9	1,028.0	1,355.8	1,212.6	1,078.9	511.9	410.6	276.4
1983	7,151.0	547.9	355.0	436.4	624.6	258.0	996.7	1,200.5	1,228.8	1,103.4	571.5	389.9	267.6

[1] Includes other industries, not shown separately.

[2] Not available.

NOTE: Data include Alaska and Hawaii beginning in 1959.

Table 66. Total employees and production workers on nondurable goods manufacturing payrolls by industry, selected years, 1939-83

(In thousands)

Category and year	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
TOTAL EMPLOYEES											
1939	5,564.0	1,393.0	(1)	1,193.0	924.0	320.0	569.0	371.0	139.0	163.0	386.0
1940	5,622.0	1,414.0	(1)	1,176.0	929.0	333.0	570.0	399.0	146.0	176.0	374.0
1945	6,450.0	1,691.0	(1)	1,139.0	1,060.0	391.0	377.0	668.0	186.0	284.0	358.0
1950	7,147.0	1,790.0	103.0	1,256.0	1,202.0	485.0	748.0	640.0	218.0	311.0	395.0
1955	7,341.0	1,824.7	102.5	1,050.2	1,219.2	550.0	834.7	773.1	237.1	363.3	385.9
1960	7,337.0	1,790.0	94.0	924.4	1,233.2	601.1	911.3	828.2	211.9	379.0	363.4
1961	7,256.0	1,775.2	90.7	893.4	1,214.5	601.3	917.3	828.2	201.9	375.3	358.2
1962	7,373.0	1,763.0	90.5	902.3	1,263.7	614.4	926.4	848.5	195.3	408.4	360.7
1963	7,380.0	1,752.0	88.6	885.4	1,282.8	618.5	930.6	865.3	188.7	418.5	349.2
1964	7,458.0	1,750.4	90.2	892.0	1,302.5	625.5	951.5	878.6	183.9	436.0	347.6
1965	7,656.0	1,756.7	86.8	925.6	1,354.2	639.1	979.4	907.8	182.9	470.8	352.9
1966	7,930.0	1,777.2	84.3	363.5	1,401.9	666.9	1,016.9	961.4	184.2	510.7	363.6
1967	8,007.0	1,786.3	86.5	958.5	1,397.5	679.1	1,047.8	1,001.4	183.2	516.4	350.9
1968	8,155.0	1,781.5	84.6	993.9	1,405.8	691.2	1,065.1	1,029.9	188.8	561.3	355.2
1969	8,272.0	1,790.8	83.0	1,002.5	1,409.1	711.1	1,093.6	1,059.9	182.3	596.3	343.2
1970	8,158.0	1,786.2	62.9	974.8	1,363.8	705.5	1,104.3	1,049.3	191.2	580.1	319.5
1971	7,987.0	1,765.6	77.1	954.7	1,342.6	681.9	1,080.5	1,010.7	194.2	580.5	299.1
1972	8,102.0	1,745.2	74.9	985.7	1,382.7	688.9	1,094.0	1,009.2	195.4	630.1	296.0
1973	8,262.0	1,714.8	77.5	1,009.8	1,438.1	704.6	1,110.7	1,037.6	192.9	692.2	284.0
1974	8,152.0	1,706.7	77.1	965.0	1,362.6	706.1	1,111.3	1,060.5	197.0	694.7	271.1
1975	7,635.0	1,657.5	75.5	867.9	1,243.3	642.0	1,083.4	1,014.7	194.4	608.1	248.2
1976	7,920.0	1,688.9	76.6	918.8	1,318.1	675.5	1,099.2	1,042.5	198.5	639.5	262.7
1977	8,086.0	1,711.0	70.7	910.2	1,316.3	691.6	1,141.4	1,073.7	202.3	713.5	254.8
1978	8,231.0	1,724.1	70.6	899.1	1,332.3	698.7	1,192.0	1,095.5	207.7	754.5	256.8
1979	8,280.0	1,732.5	70.0	885.1	1,304.3	706.8	1,235.1	1,109.3	209.8	781.6	245.7
1980	8,098.0	1,708.0	68.9	847.7	1,263.5	692.8	1,252.1	1,107.4	197.9	726.8	232.9
1981	8,061.0	1,671.1	70.4	823.0	1,244.4	688.5	1,266.3	1,109.0	214.0	736.6	237.7
1982	7,741.0	1,635.9	68.7	749.4	1,161.1	662.4	1,272.1	1,075.1	200.8	696.9	218.9
1983	7,724.0	1,622.0	68.5	743.5	1,164.1	661.6	1,295.8	1,046.8	195.4	718.1	207.9
PRODUCTION WORKERS											
1939	4,423.0	989.0	(1)	1,108.0	814.0	266.0	320.0	252.0	100.0	132.0	349.0
1940	4,463.0	1,003.0	(1)	1,090.0	819.0	279.0	321.0	274.0	105.0	142.0	337.0
1945	5,468.0	1,380.0	(1)	1,074.0	973.0	345.0	381.0	518.0	148.0	235.0	325.0
1950	5,817.0	1,331.0	95.0	1,169.0	1,080.0	416.0	494.0	461.0	165.0	252.0	355.0
1955	5,740.0	1,291.7	94.4	961.6	1,086.4	453.5	539.0	518.1	163.2	288.3	344.0
1960	5,558.0	1,211.8	83.3	835.1	1,098.2	479.7	588.9	509.9	137.9	292.8	320.9
1961	5,465.0	1,191.1	79.6	805.0	1,079.6	478.0	591.7	505.0	129.9	288.3	316.4
1962	5,553.0	1,178.4	78.7	812.1	1,122.9	486.0	594.5	519.3	125.5	316.5	318.9
1963	5,527.0	1,167.1	76.6	793.4	1,138.0	486.4	590.3	525.3	119.9	322.7	307.8
1964	5,569.0	1,157.3	78.4	798.2	1,158.3	488.8	602.1	529.4	114.2	336.3	305.5
1965	5,719.0	1,159.1	74.8	826.7	1,205.6	497.7	620.6	546.1	112.9	365.9	310.0
1966	5,926.0	1,180.0	71.8	858.8	1,245.7	518.2	646.4	574.3	114.7	397.8	318.5
1967	5,944.0	1,187.3	73.9	850.2	1,237.2	526.3	661.6	592.3	114.7	397.0	303.7
1968	6,056.0	1,191.6	71.9	880.7	1,240.1	536.2	667.0	609.9	118.0	434.5	306.3
1969	6,116.0	1,201.8	69.6	884.0	1,237.9	550.6	681.7	621.9	112.2	461.7	294.4
1970	5,989.0	1,206.9	69.0	855.0	1,196.4	543.2	679.0	604.0	118.2	444.0	273.4
1971	5,880.0	1,203.2	63.4	837.2	1,177.5	521.8	658.0	587.8	124.1	450.0	257.1
1972	5,993.0	1,191.8	62.2	866.6	1,208.0	531.6	664.2	592.8	125.1	494.6	256.4
1973	6,107.0	1,166.8	64.8	886.2	1,249.7	543.1	669.6	610.5	123.9	547.1	245.0
1974	5,976.0	1,163.6	63.8	842.6	1,174.9	544.3	660.4	623.0	126.1	544.7	232.3
1975	5,485.0	1,120.3	62.4	752.4	1,066.6	479.7	624.0	579.6	123.0	464.7	212.6
1976	5,724.0	1,145.1	63.6	800.4	1,134.3	508.3	624.7	600.1	127.8	492.9	227.0
1977	5,828.0	1,161.0	57.0	792.3	1,129.4	518.2	646.5	616.0	131.3	558.1	218.4
1978	5,929.0	1,173.9	56.2	783.1	1,144.6	524.7	671.9	627.6	135.5	591.2	220.4
1979	5,958.0	1,190.8	55.5	770.9	1,116.8	535.6	697.2	633.3	137.1	611.8	209.1
1980	5,772.0	1,174.6	53.6	736.9	1,079.4	522.7	698.9	625.8	124.7	559.4	196.6
1981	5,727.0	1,149.5	54.7	712.5	1,059.5	518.4	699.3	628.3	133.9	569.2	201.1
1982	5,431.0	1,125.6	53.4	642.1	981.2	493.9	699.2	568.6	119.9	533.7	182.9
1983	5,430.0	1,118.3	52.4	641.1	984.3	494.7	710.2	580.8	117.8	556.3	173.6

[1] Not available.

NOTE: Data include Alaska and Hawaii beginning in 1959.

Table 67. Number and percent of nonproduction workers on manufacturing payrolls by industry, 1939-83

Year	Manufacturing	Durable goods										
		Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal industries	Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Transportation equipment	Instruments and related products	Miscellaneous manufacturing
	Number (in thousands)											
1939	1,960	820	(1)	(1)	59	(1)	(1)	138	115	99	(1)	(1)
1940	2,045	886	(1)	(1)	58	(1)	(1)	151	121	115	(1)	(1)
1941	2,176	1,021	(1)	(1)	60	(1)	(1)	179	140	164	(1)	(1)
1942	2,284	1,234	(1)	(1)	54	(1)	(1)	213	155	302	(1)	(1)
1943	2,455	1,538	(1)	(1)	48	(1)	(1)	247	179	548	(1)	(1)
1944	2,588	1,659	(1)	(1)	50	(1)	(1)	249	215	637	(1)	(1)
1945	2,515	1,533	(1)	(1)	54	(1)	(1)	265	234	465	(1)	(1)
1946	2,429	1,330	(1)	(1)	62	(1)	(1)	283	219	248	(1)	(1)
1947	2,555	1,357	66	38	66	157	172	288	218	237	62	54
1948	2,672	1,401	65	39	70	162	180	298	223	243	65	57
1949	2,651	1,367	65	40	71	159	176	282	217	235	66	58
1950	2,718	1,389	67	44	74	163	181	281	215	239	67	56
1951	3,025	1,609	73.2	47.5	79.9	180.8	210.0	326.9	241.6	308.2	81.1	59.9
1952	3,273	1,799	75.3	48.8	84.2	188.7	229.5	353.5	272.9	391.7	92.9	61.2
1953	3,494	1,956	75.9	51.3	87.7	201.2	248.9	371.5	301.7	451.3	102.8	64.2
1954	3,497	1,935	72.6	51.4	88.3	192.5	242.4	371.5	303.6	443.2	106.5	64.1
1955	3,594	1,993	72.7	53.9	92.8	197.5	246.7	379.3	313.9	460.8	110.1	65.8
1956	3,807	2,164	74.8	57.1	98.3	213.8	262.5	413.1	344.5	510.3	120.2	69.9
1957	3,985	2,305	73.2	58.3	102.6	227.0	277.9	442.8	382.3	538.9	130.1	71.9
1958	3,948	2,250	71.3	59.0	104.5	215.7	277.3	416.9	390.6	511.0	130.8	73.5
1959	4,072	2,340	72.8	60.8	107.8	219.0	279.0	424.9	425.6	536.3	138.9	74.8
1960	4,210	2,431	72.0	61.4	112.2	227.9	286.3	443.1	467.2	539.1	146.9	75.6
1961	4,243	2,452	70.6	60.5	112.6	219.3	284.0	442.2	487.4	550.9	149.6	74.7
1962	4,365	2,545	69.3	62.3	114.6	219.4	292.3	455.4	507.9	592.5	154.9	76.4
1963	4,440	2,589	73.3	62.6	116.9	215.6	297.8	470.1	508.6	612.0	155.0	76.4
1964	4,493	2,603	80.5	65.6	120.0	220.7	302.3	489.2	494.8	594.5	156.8	79.7
1965	4,628	2,690	83.3	69.9	123.7	230.1	312.1	520.5	504.9	600.1	161.9	84.0
1966	4,918	2,913	87.4	75.2	126.9	241.0	329.6	566.4	567.6	652.4	178.8	87.6
1967	5,139	3,075	88.0	76.5	128.4	251.3	350.9	600.8	621.1	674.4	193.7	90.1
1968	5,267	3,169	90.2	78.0	126.6	258.4	365.2	623.4	639.9	690.1	203.5	93.0
1969	5,400	3,244	93.5	78.4	130.0	262.8	381.0	650.4	655.2	683.9	211.2	96.4
1970	5,323	3,153	91.6	77.5	131.7	260.7	370.4	660.7	637.0	617.8	209.7	97.0
1971	5,079	2,972	89.6	79.1	132.0	247.7	351.1	632.9	591.7	552.7	200.7	94.1
1972	5,106	2,998	98.4	82.9	133.7	240.4	356.6	643.9	593.6	551.7	203.1	93.4
1973	5,320	3,163	104.3	86.8	139.3	248.6	373.4	687.3	625.2	591.3	209.7	98.0
1974	5,439	3,263	104.2	87.4	138.4	259.3	381.5	726.8	646.6	598.8	221.9	98.2
1975	5,280	3,131	97.8	79.6	129.8	252.4	367.9	717.5	610.4	561.3	217.9	96.2
1976	5,359	3,163	103.3	80.3	130.9	250.5	371.9	725.3	614.4	563.4	222.6	100.4
1977	5,547	3,290	105.6	82.5	135.8	259.5	384.6	752.7	644.8	581.1	239.6	104.2
1978	5,771	3,469	108.1	87.8	143.9	260.6	402.6	799.1	688.2	618.9	252.8	107.0
1979	5,972	3,650	113.3	91.9	150.0	267.5	418.8	850.5	728.8	653.9	269.6	106.0
1980	6,071	3,745	112.8	90.0	149.0	264.6	418.0	891.7	762.2	666.6	285.8	104.9
1981	6,150	3,815	113.1	90.5	147.2	260.5	418.6	917.8	782.7	678.4	300.0	106.2
1982	6,039	3,726	109.3	90.2	141.2	238.5	398.9	888.1	795.4	655.8	304.9	105.7
1983	5,916	3,623	109.6	91.9	136.2	213.4	377.1	837.8	795.0	652.9	305.0	103.7

See footnotes at end of table.

Table 67. Number and percent of nonproduction workers on manufacturing payrolls by industry, 1939-83—Continued

Year	Manufacturing	Durable goods										
		Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal industries	Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Transportation equipment	Instruments and related products	Miscellaneous manufacturing
	Percent											
1939	19.1	17.4	(1)	(1)	15.9	(1)	(1)	23.5	26.4	15.4	(1)	(1)
1940	18.6	16.5	(1)	(1)	15.0	(1)	(1)	21.5	24.8	13.8	(1)	(1)
1941	16.5	14.7	(1)	(1)	13.2	(1)	(1)	18.7	21.6	12.7	(1)	(1)
1942	14.9	14.0	(1)	(1)	11.7	(1)	(1)	16.8	19.9	13.4	(1)	(1)
1943	13.9	13.9	(1)	(1)	10.8	(1)	(1)	16.5	17.9	15.0	(1)	(1)
1944	14.9	15.3	(1)	(1)	12.1	(1)	(1)	17.0	20.0	17.3	(1)	(1)
1945	16.2	16.9	(1)	(1)	13.3	(1)	(1)	20.3	24.2	18.3	(1)	(1)
1946	16.5	17.2	(1)	(1)	12.4	(1)	(1)	22.5	24.1	19.9	(1)	(1)
1947	16.4	16.2	7.6	11.9	12.3	12.8	16.4	20.9	21.6	18.6	20.5	12.8
1948	17.1	16.8	7.7	11.9	12.8	13.1	17.3	21.7	23.1	19.1	22.0	13.5
1949	18.4	18.3	8.5	13.3	13.8	14.6	18.8	23.9	25.8	19.4	24.5	15.1
1950	17.8	17.2	8.0	12.7	13.5	13.7	17.4	23.2	22.2	18.9	23.7	14.0
1951	18.5	17.7	8.4	14.0	13.6	13.6	18.1	22.4	22.1	20.1	23.9	14.8
1952	19.7	19.2	9.2	14.4	14.9	15.4	19.6	23.3	23.2	22.3	24.7	15.5
1953	19.9	19.3	9.4	14.6	15.1	15.2	19.4	23.9	22.7	22.1	24.9	15.3
1954	21.4	21.2	9.8	15.8	16.0	16.5	20.7	26.2	25.7	24.6	27.8	16.4
1955	21.3	20.9	9.4	15.6	15.8	15.6	20.2	26.2	25.6	24.3	28.8	16.6
1956	22.1	22.0	9.8	16.0	16.2	16.5	21.2	26.3	26.4	27.0	30.2	17.3
1957	23.2	23.4	10.7	16.4	17.2	17.5	21.9	27.9	28.8	27.7	32.2	18.6
1958	24.8	25.5	11.0	17.2	18.6	19.5	23.7	30.6	31.7	30.9	34.4	19.7
1959	24.4	25.0	10.5	16.6	17.8	19.3	22.9	29.3	30.9	31.0	34.1	19.3
1960	25.1	25.7	10.9	16.8	18.6	19.2	23.3	30.0	32.4	32.0	35.1	19.4
1961	26.0	27.0	11.5	17.3	19.3	19.9	24.0	31.2	33.8	34.6	36.4	19.8
1962	25.9	26.8	11.1	17.0	19.3	19.6	23.6	30.5	33.2	34.8	36.6	19.6
1963	26.1	26.9	11.6	16.9	19.5	19.1	23.6	30.7	33.6	34.6	36.6	19.8
1964	26.0	26.5	12.4	17.0	19.6	18.6	23.3	30.4	32.9	33.9	37.0	20.0
1965	25.6	25.9	12.7	17.0	19.7	18.4	22.7	30.0	31.3	32.0	36.4	20.0
1966	25.6	25.8	13.1	17.1	19.7	18.6	22.1	29.7	30.6	31.8	36.1	20.2
1967	26.4	26.9	13.6	17.6	20.4	19.8	22.5	30.5	32.6	32.4	37.3	21.0
1968	26.6	27.3	13.6	17.4	19.9	20.5	22.7	31.7	33.3	32.0	38.4	21.5
1969	26.8	27.3	13.8	17.0	19.8	20.1	22.9	32.0	33.3	31.9	38.6	21.9
1970	27.5	28.1	14.2	17.6	20.5	20.7	23.7	33.3	34.1	33.3	39.8	22.8
1971	27.3	27.9	13.4	17.8	20.5	21.2	23.7	34.9	33.9	31.4	40.6	22.9
1972	26.7	27.1	13.6	17.2	19.7	20.5	23.1	34.1	32.7	30.8	39.4	21.6
1973	26.4	26.6	13.7	17.1	19.5	19.7	22.6	32.9	31.7	30.6	37.6	21.6
1974	27.1	27.4	14.6	17.9	19.6	20.1	23.3	32.9	32.9	32.1	37.5	21.7
1975	28.8	29.3	15.9	19.1	20.6	22.2	25.2	34.9	35.9	32.7	39.6	23.6
1976	28.2	28.6	15.2	18.1	20.3	21.7	24.6	35.1	34.6	31.3	38.7	23.4
1977	28.2	28.4	14.6	17.8	20.3	22.0	24.3	34.6	34.3	31.0	39.0	23.8
1978	28.1	28.3	14.3	17.8	20.6	21.5	24.1	34.4	34.3	30.9	38.7	23.7
1979	28.4	28.6	14.8	18.5	21.2	21.3	24.4	34.2	34.4	31.5	39.0	23.8
1980	29.9	30.7	16.3	19.3	22.5	23.2	25.9	35.8	36.5	35.1	40.2	25.1
1981	30.5	31.5	17.0	19.5	23.1	23.2	26.3	36.7	37.4	35.7	41.1	26.0
1982	32.2	33.8	18.3	20.9	24.5	25.9	28.0	39.6	39.6	37.8	42.6	27.7
1983	32.0	33.6	16.7	20.6	23.8	25.5	27.4	41.1	39.3	37.2	43.9	27.9

See footnotes at end of table.

Table 67. Number and percent of nonproduction workers on manufacturing payrolls by industry, 1939-83—Continued

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
	Number (in thousands)										
1939	1,141	404	(1)	85	110	54	249	119	39	31	37
1940	1,159	411	(1)	86	110	54	249	125	41	34	37
1941	1,155	403	(1)	85	113	54	241	134	41	35	37
1942	1,051	357	(1)	77	101	49	215	136	36	36	34
1943	919	302	(1)	67	85	43	188	129	30	39	30
1944	929	298	(1)	64	84	43	187	138	32	44	31
1945	982	311	(1)	65	87	46	196	150	38	49	33
1946	1,100	352	(1)	74	99	54	224	151	47	57	36
1947	1,197	403	8	78	107	58	234	161	51	59	38
1948	1,270	428	7	84	117	65	245	170	53	58	43
1949	1,284	437	8	84	120	65	252	169	52	57	41
1950	1,330	459	8	87	122	69	254	179	53	59	40
1951	1,416	484.8	8.1	91.5	125.9	76.1	263.1	204.5	58.8	63.9	39.2
1952	1,474	496.9	8.4	90.2	129.2	81.8	270.2	224.0	65.7	68.4	39.8
1953	1,537	509.2	7.9	90.9	133.2	87.5	280.8	245.3	68.2	73.2	40.5
1954	1,562	521.7	8.1	89.1	130.2	90.3	289.0	249.7	71.2	71.7	40.5
1955	1,601	533.0	8.1	88.6	132.8	96.5	295.7	255.0	73.9	75.0	41.9
1956	1,644	539.8	9.5	87.7	135.3	103.3	302.4	270.8	74.3	78.5	41.8
1957	1,683	542.2	11.7	87.8	138.1	107.2	306.3	290.3	75.6	81.8	41.7
1958	1,697	550.8	10.4	86.3	132.3	110.0	309.4	300.4	76.9	79.9	41.0
1959	1,733	567.5	10.6	88.3	134.5	115.4	313.4	303.6	75.6	82.9	41.1
1960	1,779	578.2	10.7	89.3	135.0	121.4	322.4	318.3	74.0	86.2	42.5
1961	1,791	584.1	11.1	88.4	134.9	123.3	325.6	323.2	72.0	87.0	41.8
1962	1,820	584.6	11.8	90.2	140.8	128.4	331.9	329.2	69.8	91.9	41.8
1963	1,853	584.9	12.0	92.0	144.8	132.1	340.3	340.0	68.8	95.8	41.4
1964	1,889	593.1	11.8	93.8	144.2	136.7	349.4	349.2	69.7	99.7	42.1
1965	1,937	597.6	12.0	98.9	148.6	141.4	358.8	361.7	70.0	104.9	42.9
1966	2,004	597.2	12.5	104.7	156.2	148.7	370.5	387.1	69.5	112.9	45.1
1967	2,063	599.0	12.6	108.3	160.3	152.8	386.2	409.1	66.5	119.4	47.2
1968	2,099	589.9	12.7	113.2	165.7	155.0	398.1	420.0	68.8	126.8	48.9
1969	2,156	589.0	13.4	118.5	171.2	160.5	411.9	438.0	70.1	134.6	48.8
1970	2,169	579.3	13.9	119.8	167.4	162.3	425.3	445.3	73.0	136.1	46.1
1971	2,107	562.4	13.7	117.5	165.1	160.1	422.5	422.9	70.1	130.5	42.0
1972	2,109	553.4	12.7	119.1	174.7	157.3	429.8	416.4	70.3	135.5	39.6
1973	2,155	548.0	12.7	123.6	188.4	161.5	441.1	427.1	69.0	145.1	39.0
1974	2,176	543.1	13.3	122.4	187.7	161.8	450.9	437.5	70.9	150.0	38.8
1975	2,150	537.2	13.1	115.5	176.7	162.3	459.4	435.1	71.4	143.4	35.8
1976	2,196	543.8	13.0	118.4	183.8	167.2	474.5	442.4	70.7	146.6	35.7
1977	2,258	550.0	13.7	117.9	186.9	173.4	494.9	457.7	71.0	155.4	36.4
1978	2,302	550.2	14.4	116.0	187.7	174.0	520.1	467.9	72.2	163.3	36.4
1979	2,322	541.7	14.5	114.2	187.5	171.2	537.9	476.0	72.7	169.8	36.6
1980	2,326	533.4	15.3	110.8	184.1	170.1	553.2	481.6	73.2	167.4	36.3
1981	2,334	521.6	15.7	110.5	184.9	170.1	567.0	480.7	80.1	167.4	36.6
1982	2,310	510.3	15.3	107.3	179.9	168.5	572.9	476.5	80.9	163.2	36.0
1983	2,294	503.7	16.1	102.4	179.8	166.9	585.6	466.0	77.6	161.8	34.3

See footnotes at end of table.

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Table 67. Number and percent of nonproduction workers on manufacturing payrolls by industry, 1939-83—Continued

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
	Percent										
1939	20.5	29.0	(¹)	7.1	11.9	16.9	43.8	32.1	28.1	19.0	9.6
1940	20.6	29.1	(¹)	7.3	11.8	16.2	43.7	31.3	28.1	19.3	9.9
1941	18.6	26.6	(¹)	6.4	10.8	14.5	41.6	27.7	26.5	16.4	8.9
1942	16.3	22.1	(¹)	5.7	9.3	13.0	38.1	23.8	22.5	16.4	8.2
1943	14.1	18.3	(¹)	5.2	7.7	11.1	33.8	21.2	18.8	14.6	7.9
1944	14.4	17.7	(¹)	5.3	7.8	11.1	33.5	21.2	18.4	15.4	8.6
1945	15.2	18.4	(¹)	5.7	8.2	11.8	34.0	22.5	20.4	17.3	9.2
1946	15.8	19.9	(¹)	5.9	8.6	12.1	33.5	23.9	22.6	18.0	8.8
1947	16.7	22.4	6.8	6.0	9.3	12.5	32.5	24.8	23.1	18.3	9.2
1948	17.5	23.8	6.1	6.3	9.8	13.7	33.2	26.0	23.2	18.6	10.4
1949	18.5	24.6	7.3	7.1	10.2	14.3	34.1	27.3	23.5	20.1	10.5
1950	18.6	25.6	7.8	6.9	10.1	14.2	34.0	28.0	24.3	19.0	10.1
1951	19.4	26.6	7.8	7.4	10.4	14.9	34.3	28.9	25.4	19.1	10.3
1952	20.2	27.2	8.0	7.8	10.6	16.2	34.6	30.7	28.0	20.2	10.4
1953	20.7	27.7	7.6	7.9	10.7	16.5	35.0	31.9	28.3	20.3	10.4
1954	21.7	28.7	7.8	8.5	11.0	17.0	35.5	33.2	29.9	21.8	10.9
1955	21.8	29.2	7.9	8.4	10.9	17.5	35.4	33.0	31.2	20.6	10.9
1956	22.2	29.3	9.5	8.5	11.1	18.2	35.1	34.0	31.5	21.3	10.9
1957	23.0	30.0	12.1	8.9	11.4	18.8	35.2	35.8	32.6	22.0	11.2
1958	23.8	31.1	11.0	9.4	11.3	19.5	35.5	37.8	34.4	23.2	11.4
1959	23.7	31.7	11.2	9.3	11.0	19.7	35.3	37.5	35.1	22.2	11.0
1960	24.2	32.3	11.4	9.7	10.9	20.2	35.4	38.4	34.9	22.7	11.7
1961	24.7	32.9	12.2	9.9	11.1	20.5	35.5	39.0	35.7	23.2	11.7
1962	24.7	33.2	13.0	10.0	11.1	20.9	35.8	38.8	35.7	22.5	11.6
1963	25.1	33.4	13.5	10.4	11.3	21.4	36.6	39.3	36.5	22.9	11.9
1964	25.3	33.9	13.1	10.5	11.1	21.9	36.7	39.7	37.9	22.9	12.1
1965	25.3	34.0	13.8	10.7	11.0	22.1	36.6	39.8	38.3	22.3	12.2
1966	25.3	33.6	14.8	10.9	11.1	22.3	36.4	40.3	37.7	22.1	12.4
1967	25.8	33.5	14.6	11.3	11.5	22.5	36.9	40.9	37.4	23.1	13.5
1968	25.7	33.1	15.0	11.4	11.8	22.4	37.4	40.8	36.8	22.6	13.8
1969	26.1	32.9	16.1	11.8	12.1	22.6	37.7	41.3	38.5	22.6	14.2
1970	26.6	32.4	16.8	12.3	12.3	23.0	38.5	42.4	38.2	23.5	14.4
1971	26.4	31.9	17.8	12.3	12.3	23.5	39.1	41.8	36.1	22.5	14.0
1972	26.0	31.7	17.0	12.1	12.6	22.8	39.3	41.3	36.0	21.5	13.4
1973	26.1	32.0	16.4	12.2	13.1	22.9	39.7	41.2	35.8	21.0	13.7
1974	26.7	31.8	17.3	12.7	13.8	22.9	40.6	41.3	36.0	21.6	14.3
1975	28.2	32.4	17.4	13.3	14.2	25.3	42.4	42.9	36.7	23.6	14.3
1976	27.7	32.2	17.0	12.9	13.9	24.8	43.2	42.4	35.6	22.9	13.6
1977	27.9	32.1	19.4	13.0	14.2	25.1	43.4	42.6	35.1	21.8	14.3
1978	28.0	31.9	20.4	12.9	14.1	24.9	43.6	42.7	34.8	21.6	14.2
1979	28.0	31.3	20.7	12.9	14.4	24.2	43.6	42.9	34.7	21.7	14.9
1980	28.7	31.2	22.2	13.1	14.6	24.6	44.2	43.5	37.0	23.0	15.6
1981	29.0	31.2	22.3	13.4	14.9	24.7	44.8	43.3	37.4	22.7	15.4
1982	29.8	31.2	22.3	14.3	15.5	25.4	45.0	44.3	40.3	23.4	16.4
1983	29.7	31.1	23.5	13.8	15.4	25.2	45.2	44.5	39.7	22.5	16.5

[1] Not available.

NOTE: Data include Alaska and Hawaii begining in 1959.

Table 68. Women employees on nonagricultural payrolls by industry, 1959-83

(In thousands)

Year	Total	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government			
				Total	Durable goods	Nondurable goods						Total	Federal	State	Local
1959	(1)	(1)	(1)	4,358	1,671	2,688	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1960	(1)	36	(1)	4,371	1,681	2,691	(1)	713	3,583	1,337	(1)	(1)	(1)	(1)	(1)
1961	(1)	35	(1)	4,292	1,642	2,651	(1)	699	3,568	1,363	(1)	(1)	(1)	(1)	(1)
1962	(1)	35	(1)	4,474	1,749	2,725	(1)	708	3,647	1,392	(1)	(1)	(1)	(1)	(1)
1963	(1)	36	(1)	4,482	1,746	2,736	(1)	716	3,712	1,423	(1)	(1)	(1)	(1)	(1)
1964	19,562	34	152	4,537	1,756	2,782	723	736	3,882	1,464	4,415	3,718	530	708	2,480
1965	20,660	34	152	4,768	1,889	2,879	748	763	4,118	1,496	4,611	3,970	542	768	2,660
1966	22,168	34	156	5,213	2,182	3,032	786	804	4,320	1,549	4,931	4,375	610	841	2,924
1967	23,272	35	156	5,353	2,277	3,076	835	827	4,470	1,624	5,267	4,703	674	931	3,099
1968	24,395	36	164	5,490	2,338	3,152	860	852	4,674	1,709	5,632	4,979	710	1,013	3,256
1969	25,595	37	174	5,667	2,446	3,221	911	898	4,942	1,819	5,994	5,153	723	1,087	3,343
1970	26,132	37	186	5,448	2,284	3,165	957	918	5,089	1,907	6,224	5,365	723	1,126	3,517
1971	26,466	37	199	5,229	2,128	3,101	955	911	5,217	1,979	6,438	5,502	715	1,118	3,669
1972	27,541	40	219	5,470	2,285	3,185	953	933	5,417	2,032	6,718	5,759	747	1,162	3,849
1973	28,988	43	241	5,865	2,573	3,292	987	989	5,692	2,138	7,023	6,010	780	1,216	4,014
1974	30,124	49	262	5,849	2,624	3,225	1,018	1,043	5,935	2,245	7,454	6,270	798	1,287	4,185
1975	30,178	55	256	5,257	2,276	2,981	996	1,046	6,005	2,287	7,822	6,454	805	1,373	4,276
1976	31,570	60	281	5,607	2,449	3,158	1,010	1,092	6,308	2,371	8,256	6,586	808	1,448	4,329
1977	33,252	65	304	5,880	2,651	3,229	1,051	1,145	6,619	2,511	8,771	6,907	856	1,510	4,540
1978	35,349	76	331	6,237	2,900	3,337	1,133	1,235	7,044	2,708	9,368	7,216	866	1,537	4,813
1979	37,096	91	355	6,466	3,092	3,374	1,237	1,319	7,378	2,882	9,919	7,450	860	1,572	5,018
1980	38,186	105	372	6,317	3,009	3,308	1,292	1,362	7,489	3,039	10,452	7,759	908	1,632	5,219
1981	39,037	129	380	6,341	3,034	3,306	1,340	1,395	7,595	3,158	10,971	7,730	878	1,659	5,193
1982	39,052	134	378	5,990	2,827	3,163	1,339	1,415	7,664	3,199	11,339	7,595	883	1,637	5,075
1983	39,812	118	388	5,981	2,803	3,178	1,318	1,450	7,888	3,278	11,762	7,630	934	1,582	5,115

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[1] Not available.

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Table 69. Women employees on manufacturing payrolls by industry, 1959-83

(In thousands)

Year	Durable goods										
	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal industries	Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Transportation equipment	Instruments and related products	Miscellaneous manufacturing
1959	1,671	48.3	63.8	92.0	71.5	202.5	192.4	499.3	207.4	138.8	154.7
1960	1,681	46.8	62.3	91.9	71.6	198.4	195.3	518.5	199.2	141.5	155.4
1961	1,642	45.4	60.7	88.3	67.4	190.1	189.2	519.4	190.7	138.7	152.0
1962	1,749	46.7	64.1	91.2	69.4	202.3	198.6	569.7	200.7	146.8	159.1
1963	1,746	46.2	65.0	91.5	68.6	207.2	199.9	560.8	200.8	146.4	159.3
1964	1,756	47.5	68.6	93.4	69.1	211.7	204.5	558.8	189.9	146.1	166.2
1965	1,889	50.1	74.3	95.3	73.8	223.8	222.1	620.6	192.9	155.6	180.6
1966	2,182	57.6	88.6	100.8	81.3	253.1	257.0	748.2	225.2	179.2	190.5
1967	2,277	62.3	93.9	99.6	84.7	279.8	279.1	755.7	246.3	187.8	187.8
1968	2,338	67.3	102.4	100.8	86.3	305.9	286.3	754.7	248.5	192.6	192.9
1969	2,446	72.7	111.9	107.4	92.0	327.1	304.3	786.0	242.5	204.2	197.6
1970	2,284	69.1	106.9	107.1	90.8	293.7	297.4	728.0	208.8	194.9	187.7
1971	2,128	69.9	109.2	104.6	88.0	269.7	269.3	667.6	187.8	181.8	180.3
1972	2,285	79.6	121.7	112.5	90.3	286.3	288.3	720.0	195.9	196.7	193.9
1973	2,573	91.4	134.6	122.0	101.1	312.9	335.2	816.6	227.4	226.1	205.2
1974	2,624	86.8	135.1	122.9	105.2	310.4	371.6	811.1	228.7	243.2	206.5
1975	2,276	75.4	114.0	109.5	93.4	268.3	339.3	659.2	213.2	219.1	185.0
1976	2,449	86.0	122.7	116.9	101.4	291.0	349.8	714.1	232.9	235.6	198.5
1977	2,651	96.8	130.7	123.7	110.1	315.9	383.9	773.3	258.8	254.1	203.3
1978	2,900	107.5	143.7	130.7	121.1	342.2	430.8	839.2	295.1	275.8	213.4
1979	3,092	114.7	146.7	133.7	134.2	358.2	475.4	900.2	322.9	294.7	210.7
1980	3,009	103.2	137.9	126.3	124.8	336.0	494.1	890.5	297.4	303.3	195.8
1981	3,034	101.2	139.9	125.2	124.1	335.3	506.9	893.1	307.8	310.4	190.5
1982	2,827	89.9	129.8	114.4	103.7	300.8	475.8	848.4	286.6	303.1	174.6
1983	2,803	96.9	133.9	111.2	97.8	300.2	447.9	854.5	295.5	296.1	169.5

Table 69. Women employees on manufacturing payrolls by industry, 1959-83—Continued

(In thousands)

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
1959	2,688	426.2	48.7	414.5	951.1	128.1	250.2	150.6	17.5	106.4	194.5
1960	2,691	426.8	47.1	401.5	962.2	130.4	256.8	152.9	17.2	107.0	188.6
1961	2,651	423.1	43.9	388.6	944.8	129.1	258.6	152.7	16.6	106.9	186.2
1962	2,725	419.9	42.8	394.0	990.9	130.8	264.4	157.5	16.3	120.0	189.0
1963	2,736	421.2	41.2	383.6	1010.0	130.0	267.4	161.5	15.9	122.0	183.4
1964	2,762	421.3	43.8	388.3	1031.0	130.5	276.2	164.8	16.1	126.4	183.2
1965	2,879	423.5	41.3	406.9	1074.5	132.9	285.2	172.0	16.1	138.6	188.0
1966	3,032	443.2	38.8	427.5	1118.0	141.0	305.0	185.6	16.5	156.1	200.2
1967	3,076	451.3	39.2	428.7	1116.1	145.3	323.0	197.9	16.4	162.0	196.0
1968	3,152	452.9	38.3	452.2	1123.5	148.6	332.8	209.2	16.9	177.2	200.6
1969	3,221	462.4	38.2	460.5	1134.0	152.0	349.5	219.8	16.9	191.5	196.2
1970	3,165	464.0	37.7	448.0	1102.6	149.6	359.8	216.1	17.8	184.5	184.5
1971	3,101	460.7	33.4	438.3	1087.8	141.1	357.0	207.4	17.8	182.6	174.9
1972	3,185	464.7	30.6	452.8	1118.4	140.8	369.8	210.5	18.2	202.7	176.6
1973	3,292	463.4	31.7	468.5	1158.9	146.4	383.3	221.3	18.2	227.8	172.8
1974	3,225	464.5	30.9	448.3	1103.0	146.8	392.7	228.0	18.7	226.9	165.1
1975	2,981	448.1	29.5	397.3	1005.5	132.3	388.7	218.0	19.6	191.6	149.9
1976	3,158	466.0	28.7	423.7	1067.9	143.9	402.5	229.3	20.7	216.0	158.9
1977	3,229	478.5	25.9	424.6	1065.0	151.1	424.6	245.2	23.4	237.4	153.1
1978	3,337	495.6	25.9	423.7	1081.2	157.9	453.1	258.2	24.6	261.1	155.7
1979	3,374	511.1	25.4	418.1	1057.3	161.6	480.0	270.7	26.3	274.4	149.1
1980	3,308	508.5	24.7	401.4	1022.0	159.2	496.7	277.3	27.0	251.0	140.0
1981	3,306	501.1	25.6	391.1	1004.7	160.3	507.0	285.0	30.9	258.5	142.1
1982	3,163	495.7	24.2	356.8	935.8	152.7	515.7	279.2	31.0	241.6	130.1
1983	3,178	498.4	23.5	354.2	940.4	153.0	529.4	273.0	30.2	252.8	122.8

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Table 70. Average weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry, selected years, 1932-83

Year	Total private	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate[2]	Services
				Total	Durable goods	Nondurable goods					
1932	(3)	(3)	(3)	38.3	32.5	41.9	(3)	(3)	(3)	(3)	(3)
1935	(3)	(3)	(3)	36.6	37.2	36.1	(3)	41.6	(3)	(3)	(3)
1940	(3)	(3)	(3)	38.1	39.2	37.0	(3)	41.3	(3)	(3)	(3)
1945	(3)	(3)	(3)	43.5	44.0	42.3	(3)	42.8	(3)	(3)	(3)
1950	39.8	37.9	37.4	40.5	41.1	39.7	(3)	40.7	40.4	37.7	(3)
1955	39.6	40.7	37.1	40.7	41.3	39.9	(3)	40.7	39.0	37.6	(3)
1960	38.6	40.4	36.7	39.7	40.1	39.2	(3)	40.5	38.0	37.2	(3)
1961	38.6	40.5	36.9	39.8	40.3	39.3	(3)	40.5	37.6	36.9	(3)
1962	38.7	41.0	37.0	40.4	40.9	39.7	(3)	40.6	37.4	37.3	(3)
1963	38.8	41.6	37.3	40.5	41.1	39.6	(3)	40.6	37.3	37.5	(3)
1964	38.7	41.9	37.2	40.7	41.5	39.7	41.1	40.7	37.0	37.3	36.1
1965	38.8	42.3	37.4	41.2	42.0	40.1	41.3	40.8	36.6	37.2	35.9
1966	38.6	42.7	37.6	41.4	42.2	40.2	41.2	40.7	35.9	37.3	35.5
1967	38.0	42.6	37.7	40.6	41.2	39.7	40.5	40.3	35.3	37.1	35.1
1968	37.8	42.6	37.3	40.7	41.4	39.8	40.6	40.1	34.7	37.0	34.7
1969	37.7	43.0	37.9	40.6	41.3	39.7	40.7	40.2	34.2	37.1	34.7
1970	37.1	42.7	37.3	39.8	40.3	39.1	40.5	39.9	33.8	36.7	34.4
1971	36.9	42.4	37.2	39.9	40.3	39.3	40.1	39.5	33.7	36.6	33.9
1972	37.0	42.6	36.5	40.5	41.2	39.7	40.4	39.4	33.4	36.6	33.9
1973	36.9	42.4	36.8	40.7	41.5	39.6	40.5	39.3	33.1	36.6	33.8
1974	36.5	41.9	36.6	40.0	40.7	39.1	40.2	38.8	32.7	36.5	33.6
1975	36.1	41.9	36.4	39.5	39.9	38.8	39.7	38.7	32.4	36.5	33.5
1976	36.1	42.4	36.8	40.1	40.6	39.4	39.8	38.7	32.1	36.4	33.3
1977	36.0	43.4	36.5	40.3	41.0	39.4	39.9	38.8	31.6	36.4	33.0
1978	35.8	43.4	36.8	40.4	41.1	39.4	40.0	38.8	31.0	36.4	32.8
1979	35.7	43.0	37.0	40.2	40.8	39.3	39.9	38.8	30.6	36.2	32.7
1980	35.3	43.3	37.0	39.7	40.1	39.0	39.6	38.5	30.2	36.2	32.6
1981	35.2	43.7	36.9	39.8	40.2	39.1	39.4	38.5	30.1	36.3	32.6
1982	34.8	42.7	36.7	38.9	39.3	38.4	39.0	38.3	29.9	36.2	32.6
1983	35.0	42.5	37.2	40.1	40.7	39.4	39.0	38.5	29.8	36.2	32.7

[1] Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] Excludes data on nonoffice sales agents.

[3] Not available.

NOTE: Data include Alaska and Hawaii begining in 1959.

Table 71. Average weekly hours of production workers on manufacturing payrolls by industry, selected years, 1947-83

Year	Durable goods												
	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass product	Primary metal industries		Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Transportation equipment		Instruments and related products	Miscellaneous manufacturing
					Total[1]	Blast furnaces and basic steel products				Total[1]	Motor vehicles and equipment		
1947	40.5	40.3	41.5	41.0	39.9	39.0	40.9	41.5	40.3	39.7	39.8	40.4	40.5
1950	41.1	39.5	41.8	41.1	40.9	39.9	41.5	41.9	41.1	41.4	42.1	41.3	40.8
1955	41.3	39.5	41.4	41.4	41.3	40.5	41.7	42.0	40.7	42.3	43.6	40.9	40.3
1960	40.1	39.0	40.0	40.6	39.0	38.2	40.5	41.0	39.8	40.7	41.0	40.4	39.3
1961	40.3	39.5	40.0	40.7	39.5	38.9	40.5	41.0	40.2	40.5	40.1	40.7	39.5
1962	40.9	39.8	40.7	41.0	40.2	39.2	41.1	41.7	40.6	42.0	42.7	40.9	39.7
1963	41.1	40.1	40.9	41.4	41.0	40.2	41.3	41.8	40.3	42.0	42.8	40.8	39.6
1964	41.5	40.4	41.2	41.7	41.7	41.2	41.7	42.4	40.5	42.1	43.0	40.8	39.6
1965	42.0	40.9	41.5	42.0	42.1	41.2	42.1	43.1	41.0	42.9	44.2	41.4	39.9
1966	42.2	40.8	41.5	42.0	42.1	41.0	42.4	43.8	41.2	42.6	42.8	42.1	40.0
1967	41.2	40.2	40.4	41.6	41.1	40.2	41.5	42.6	40.2	41.4	40.8	41.2	39.4
1968	41.4	40.6	40.6	41.8	41.6	41.0	41.7	42.1	40.3	42.2	43.1	40.5	39.4
1969	41.3	40.2	40.4	41.9	41.8	41.3	41.6	42.5	40.4	41.5	41.7	40.7	39.0
1970	40.3	39.5	39.2	41.2	40.4	40.0	40.7	41.1	39.8	40.3	40.3	40.2	38.7
1971	40.3	39.8	39.8	41.6	40.1	39.6	40.4	40.6	39.9	40.7	41.2	39.8	38.9
1972	41.2	40.4	40.2	42.1	41.4	40.6	41.2	42.1	40.4	41.7	43.0	40.6	39.5
1973	41.5	39.9	40.0	41.9	42.3	41.7	41.6	42.8	40.4	42.1	43.5	40.9	39.0
1974	40.7	39.2	39.1	41.3	41.6	41.3	40.8	42.1	39.7	40.5	40.6	40.4	38.7
1975	39.9	38.7	38.0	40.4	40.0	39.5	40.1	40.8	39.5	40.4	40.3	39.5	38.5
1976	40.6	39.9	38.8	41.1	40.8	40.3	40.8	41.2	40.0	41.7	42.9	40.3	38.8
1977	41.0	39.8	39.0	41.3	41.3	40.5	41.0	41.5	40.4	42.5	44.0	40.6	38.8
1978	41.1	39.8	39.3	41.6	41.8	41.5	41.0	42.1	40.3	42.2	43.3	40.9	38.8
1979	40.8	39.4	38.7	41.5	41.4	41.2	40.7	41.8	40.3	41.1	41.1	40.8	38.8
1980	40.1	38.5	38.1	40.8	40.1	39.4	40.4	41.0	39.8	40.6	40.0	40.5	38.7
1981	40.2	38.7	38.4	40.6	40.5	40.4	40.3	40.9	40.0	40.9	40.9	40.4	38.8
1982	39.3	38.0	37.2	40.1	38.6	37.9	39.2	39.7	39.3	40.5	40.5	39.8	38.4
1983	40.7	40.1	39.4	41.5	40.5	39.5	40.6	40.5	40.5	42.1	43.3	40.4	39.1

See footnotes at end of table.

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Table 71. Average weekly hours of production workers on manufacturing payrolls by industry, selected years, 1947-83—Continued

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
1947	40.2	43.2	38.9	39.6	36.0	43.1	40.2	41.2	40.6	39.9	38.6
1950	39.7	41.9	38.1	39.6	36.0	43.3	38.9	41.2	40.8	41.0	37.6
1955	39.9	41.5	38.7	40.1	36.3	43.1	38.9	41.1	40.9	41.8	37.9
1960	39.2	40.8	38.2	39.5	35.5	42.1	38.4	41.3	41.1	39.9	36.9
1961	39.3	40.9	39.0	39.9	35.4	42.5	38.2	41.4	41.2	40.3	37.4
1962	39.7	41.0	38.6	40.6	36.2	42.6	38.3	41.6	41.6	41.0	37.6
1963	39.6	41.0	38.7	40.6	36.1	42.7	38.3	41.6	41.7	40.8	37.5
1964	39.7	41.0	38.8	41.0	35.9	42.8	38.5	41.6	41.8	41.3	37.9
1965	40.1	41.1	37.9	41.7	36.4	43.1	38.6	41.9	42.2	42.0	38.2
1966	40.2	41.2	38.9	41.9	36.4	43.4	38.8	42.0	42.4	42.0	38.6
1967	39.7	40.9	38.6	40.9	36.0	42.8	38.4	41.6	42.7	41.4	38.2
1968	39.8	40.8	37.9	41.2	36.1	42.9	38.3	41.8	42.5	41.5	38.3
1969	39.7	40.8	37.4	40.8	35.9	43.0	38.3	41.8	42.6	41.1	37.2
1970	39.1	40.5	37.8	39.9	35.3	41.9	37.7	41.6	42.8	40.2	37.2
1971	39.3	40.3	37.8	40.6	35.6	42.1	37.5	41.6	42.8	40.3	37.7
1972	39.7	40.5	37.6	41.3	36.0	42.8	37.7	41.7	42.7	41.1	38.3
1973	39.6	40.4	38.6	40.9	35.9	42.9	37.7	41.8	42.4	41.1	37.8
1974	39.1	40.4	38.3	39.5	35.2	42.2	37.5	41.5	42.1	40.5	36.9
1975	38.8	40.3	38.2	39.3	35.2	41.6	36.9	41.0	41.2	39.9	37.1
1976	39.4	40.5	37.5	40.1	35.8	42.5	37.5	41.6	42.1	40.7	37.4
1977	39.4	40.0	37.8	40.4	35.6	42.9	37.7	41.7	42.7	41.0	36.9
1978	39.4	39.7	38.1	40.4	35.6	42.9	37.6	41.9	43.6	40.9	37.1
1979	39.3	39.9	38.0	40.4	35.3	42.6	37.5	41.9	43.8	40.5	36.5
1980	39.0	39.7	38.1	40.1	35.4	42.2	37.1	41.5	41.8	40.0	36.7
1981	39.1	39.7	38.8	39.6	35.7	42.5	37.3	41.6	43.2	40.3	36.7
1982	38.4	39.4	37.8	37.5	34.7	41.8	37.1	40.9	43.9	39.6	35.6
1983	39.4	39.5	37.4	40.5	36.2	42.6	37.6	41.6	43.9	41.2	36.8

[1] Includes other industries, not shown separately.

NOTE: Data include Alasks and Hawaii begining in 1959.

Table 72. Average weekly overtime hours of production workers on manufacturing payrolls by industry, selected years, 1956-83

Year	Manufacturing	Durable goods										
		Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal industries	Fabricated metal products	Machinery except electrical	Electrical and electronic equipment	Transportation equipment	Instruments and related products	Miscellaneous manufacturing
1956	2.8	3.0	2.6	2.3	3.3	2.8	3.1	3.9	2.6	3.1	2.5	2.8
1960	2.5	2.4	2.9	2.5	3.1	1.8	2.6	2.7	1.9	2.7	2.1	2.1
1961	2.4	2.4	2.9	2.4	3.2	1.9	2.4	2.5	1.9	2.5	2.1	2.2
1962	2.8	2.8	3.2	2.9	3.4	2.2	2.9	3.1	2.2	3.5	2.4	2.3
1963	2.8	3.0	3.3	3.0	3.7	2.7	3.0	3.2	2.0	3.6	2.4	2.2
1964	3.1	3.3	3.4	3.2	3.9	3.2	3.4	3.9	2.3	3.9	2.4	2.4
1965	3.6	3.9	3.8	3.6	4.2	3.8	4.0	4.6	2.8	4.8	3.0	2.7
1966	3.9	4.3	4.0	3.8	4.5	4.0	4.5	5.6	3.4	4.7	3.8	3.0
1967	3.4	3.5	3.6	3.0	4.2	3.2	3.8	4.4	2.5	3.7	3.1	2.6
1968	3.6	3.8	3.9	3.4	4.5	3.8	4.1	4.0	2.6	4.6	2.7	2.5
1969	3.6	3.8	3.8	3.3	4.8	4.1	4.2	4.5	2.8	3.8	3.0	2.6
1970	3.0	3.0	3.3	2.3	4.2	3.0	3.3	3.2	2.3	2.9	2.3	2.2
1971	2.9	2.9	3.6	2.6	4.5	3.0	2.8	2.6	2.1	3.1	2.1	2.2
1972	3.5	3.6	4.0	3.1	4.8	3.6	3.5	3.8	2.7	4.3	2.7	2.7
1973	3.8	4.1	3.9	3.1	5.0	4.5	4.1	4.8	3.1	4.9	3.1	2.6
1974	3.3	3.4	3.3	2.4	4.4	3.9	3.5	4.3	2.4	3.4	2.7	2.2
1975	2.6	2.6	2.9	1.8	3.7	2.6	2.6	3.0	1.9	2.8	1.8	1.9
1976	3.1	3.2	3.5	2.0	4.1	3.3	3.2	3.3	2.3	4.2	2.3	2.2
1977	3.5	3.7	3.7	2.4	4.6	3.7	3.6	4.0	2.6	5.0	2.4	2.2
1978	3.6	3.8	3.7	2.7	4.8	4.2	3.8	4.3	2.8	5.0	2.6	2.4
1979	3.3	3.5	3.5	2.2	4.5	3.9	3.4	4.0	2.7	4.2	2.5	2.2
1980	2.8	2.8	2.8	1.7	3.8	2.8	2.8	3.4	2.3	3.2	2.3	1.9
1981	2.8	2.8	2.5	1.8	3.8	3.0	2.7	3.2	2.2	3.2	2.2	1.9
1982	2.3	2.2	2.3	1.5	3.5	2.0	2.0	2.2	1.8	2.7	1.7	1.6
1983	3.0	3.0	3.1	2.3	4.1	3.0	2.9	2.7	2.6	3.9	2.0	2.0

See footnote at end of table.

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Table 72. Average weekly overtime hours of production workers on manufacturing payrolls by industry, selected years, 1956-83—Continued

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemical and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
1956	2.4	3.1	1.3	2.6	1.0	4.5	3.1	2.1	2.2	2.1	1.4
1960	2.5	3.3	1.0	2.6	1.2	4.1	2.9	2.3	2.0	2.4	1.2
1961	2.5	3.3	1.1	2.7	1.1	4.2	2.7	2.3	2.0	2.7	1.4
1962	2.7	3.4	1.0	3.2	1.3	4.4	2.8	2.5	2.3	3.1	1.4
1963	2.7	3.4	1.1	3.2	1.3	4.5	2.7	2.5	2.3	3.0	1.4
1964	2.9	3.6	1.6	3.6	1.3	4.7	2.9	2.7	2.5	3.5	1.7
1965	3.2	3.8	1.1	4.2	1.4	5.0	3.1	3.0	2.8	4.1	1.8
1966	3.4	4.0	1.4	4.4	1.5	5.5	3.5	3.3	3.2	4.4	2.1
1967	3.1	4.0	1.8	3.7	1.3	5.0	3.2	3.0	3.5	4.0	1.9
1968	3.3	4.1	1.8	4.1	1.4	5.3	3.1	3.3	3.6	4.2	2.1
1969	3.4	4.2	1.4	3.9	1.3	5.5	3.4	3.4	3.9	4.2	1.8
1970	3.0	4.0	1.7	3.3	1.1	4.6	2.8	3.1	3.8	3.3	1.7
1971	3.0	3.8	1.7	3.8	1.2	4.6	2.6	3.1	3.7	3.2	1.9
1972	3.3	4.0	1.6	4.5	1.5	4.9	2.9	3.2	3.8	4.0	2.3
1973	3.4	4.1	2.4	4.4	1.5	5.2	3.0	3.5	3.9	4.2	2.1
1974	3.0	4.1	2.1	3.3	1.2	4.6	2.7	3.3	3.9	3.5	1.8
1975	2.7	3.9	2.0	3.1	1.2	4.0	2.2	2.7	3.0	2.8	1.9
1976	3.0	4.1	1.3	3.4	1.3	4.8	2.5	3.2	3.5	3.5	1.9
1977	3.2	4.1	1.9	3.5	1.3	4.8	2.8	3.4	4.0	3.7	1.8
1978	3.2	4.0	2.1	3.6	1.3	5.1	3.0	3.5	4.3	3.7	1.8
1979	3.1	4.0	1.3	3.5	1.0	4.8	2.8	3.5	4.3	3.0	1.4
1980	2.8	3.8	1.7	3.2	1.0	4.3	2.5	3.1	3.7	2.7	1.5
1981	2.8	3.7	2.0	3.0	1.1	4.5	2.4	3.3	3.8	3.0	1.4
1982	2.5	3.6	1.4	2.2	1.0	4.1	2.3	2.8	3.9	2.6	1.2
1983	3.0	3.6	1.2	3.5	1.3	4.6	2.6	3.1	4.0	3.5	1.4

NOTE: Data include Alaska and Hawaii begining in 1959.

Table 73. Indexes of aggregate weekly hours of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry, 1947-83

(1977 = 100)

Year	Total private	Goods-producing						Service-producing					
		Total	Mining	Construction	Manufacturing			Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate[2]	Services
					Total	Durable goods	Nondurable goods						
1947	(3)	89.3	132.5	61.9	93.2	83.6	107.4	(3)	(3)	(3)	(3)	(3)	(3)
1948	(3)	89.7	133.2	67.5	91.9	82.1	106.5	(3)	(3)	(3)	(3)	(3)	(3)
1949	(3)	80.9	113.4	66.6	82.1	70.8	99.0	(3)	(3)	(3)	(3)	(3)	(3)
1950	(3)	88.1	115.4	71.2	90.1	80.9	103.6	(3)	(3)	(3)	(3)	(3)	(3)
1951	(3)	95.0	120.1	80.9	96.5	91.1	104.5	(3)	(3)	(3)	(3)	(3)	(3)
1952	(3)	95.1	115.3	83.1	96.5	91.9	103.4	(3)	(3)	(3)	(3)	(3)	(3)
1953	(3)	98.2	110.8	80.3	101.1	98.7	104.7	(3)	(3)	(3)	(3)	(3)	(3)
1954	(3)	88.7	98.7	78.1	90.3	84.7	98.6	(3)	(3)	(3)	(3)	(3)	(3)
1955	(3)	94.3	103.2	83.3	96.0	91.6	102.6	(3)	(3)	(3)	(3)	(3)	(3)
1956	(3)	95.8	106.6	90.1	96.4	92.4	102.3	(3)	(3)	(3)	(3)	(3)	(3)
1957	(3)	92.6	104.0	86.5	93.2	89.3	99.0	(3)	(3)	(3)	(3)	(3)	(3)
1958	(3)	83.2	88.7	80.7	83.5	76.2	94.2	(3)	(3)	(3)	(3)	(3)	(3)
1959	(3)	89.4	89.0	86.5	90.0	84.0	98.8	(3)	(3)	(3)	(3)	(3)	(3)
1960	(3)	87.6	85.9	83.1	88.6	82.8	97.3	(3)	(3)	(3)	(3)	(3)	(3)
1961	(3)	84.5	80.4	81.2	85.3	78.2	95.8	(3)	(3)	(3)	(3)	(3)	(3)
1962	(3)	88.0	78.2	83.8	89.3	83.4	98.2	(3)	(3)	(3)	(3)	(3)	(3)
1963	(3)	89.0	77.3	86.6	90.0	84.8	97.6	(3)	(3)	(3)	(3)	(3)	(3)
1964	79.2	91.0	77.7	88.9	92.1	87.8	98.4	72.7	89.6	76.3	75.8	70.7	63.3
1965	82.7	96.4	78.0	93.3	97.8	95.1	101.9	75.2	91.8	79.3	78.7	71.9	65.8
1966	86.3	102.2	77.5	96.2	104.5	103.6	105.9	77.5	93.6	81.9	80.4	73.5	68.8
1967	86.6	100.2	74.5	93.6	102.7	101.1	105.0	79.1	94.1	82.7	81.2	75.9	71.7
1968	88.7	101.9	73.2	95.4	104.5	102.7	107.2	81.4	95.4	84.0	83.0	79.3	74.7
1969	91.7	104.5	75.7	103.5	106.0	104.9	107.8	84.6	98.3	87.1	85.5	83.8	78.3
1970	90.2	98.4	75.2	101.2	99.0	95.4	104.3	85.7	99.0	88.3	86.4	85.5	79.7
1971	89.7	95.9	71.8	103.5	95.6	90.6	102.9	86.2	97.1	86.9	88.4	87.0	80.0
1972	92.9	100.2	75.5	107.7	99.9	97.3	103.6	88.9	99.4	89.2	91.4	89.5	82.9
1973	97.1	105.9	76.8	113.5	105.9	106.2	105.3	92.2	102.1	92.5	94.2	92.4	86.8
1974	97.1	103.0	82.8	109.4	102.7	103.4	101.7	93.8	102.6	94.7	94.3	93.5	90.0
1975	92.6	90.6	89.2	92.5	90.2	88.6	92.7	93.7	96.6	93.5	93.9	93.5	92.6
1976	96.2	95.5	93.5	93.9	95.9	94.4	98.1	96.6	97.5	96.3	97.3	95.4	96.0
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.9	105.6	103.2	112.0	104.5	106.3	101.7	104.6	103.4	105.6	103.6	105.7	105.1
1979	108.4	108.6	115.3	119.7	106.2	109.1	101.9	108.2	107.1	110.3	105.1	110.6	109.9
1980	107.2	102.3	123.0	114.9	98.9	99.5	98.1	109.8	106.3	110.3	103.7	114.4	115.0
1981	108.1	101.1	137.0	109.1	97.9	98.0	97.6	111.9	105.5	111.7	104.2	117.2	119.6
1982	104.2	90.6	130.7	99.8	87.0	84.4	90.8	111.7	102.2	108.1	103.6	117.1	121.9
1983	105.8	91.4	107.3	101.9	88.6	85.4	93.3	113.7	99.4	108.0	106.0	118.9	126.0

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[1] Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] Excludes data on nonoffice sales agents.

[3] Not available.

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Table 74. Indexes of aggregate weekly hours of production workers on manufacturing payrolls by industry, 1947-83

(1977 = 100)

Year	Durable goods												
					Primary metal industries					Transportation equipment			
	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass product	Total[1]	Blast furnaces and basic steel products	Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Total[1]	Motor vehicles and equipment	Instruments and related products	Miscellaneous manufacturing
1947	83.6	132.5	78.5	87.7	112.1	128.0	73.2	76.5	64.0	75.1	77.2	63.6	114.7
1948	82.1	127.4	79.6	88.8	113.4	134.1	71.4	75.1	59.8	73.7	76.6	60.9	113.9
1949	70.8	112.1	70.0	79.8	93.6	115.0	61.4	60.3	49.4	70.3	75.4	52.7	99.8
1950	80.9	123.9	84.7	88.3	110.7	133.7	72.8	65.9	62.1	77.5	88.1	58.3	107.9
1951	91.1	127.5	80.6	95.5	123.0	144.7	80.7	83.2	70.4	92.0	85.2	71.3	108.1
1952	91.9	120.5	80.9	89.5	111.4	123.7	80.1	84.7	74.8	104.1	79.3	77.7	104.2
1953	98.7	116.2	82.5	91.6	121.1	143.6	88.4	85.0	84.2	120.6	96.1	84.4	111.3
1954	84.7	105.8	73.7	85.5	99.5	118.0	77.1	72.2	70.1	101.4	77.3	72.4	99.5
1955	91.6	112.2	81.2	93.3	116.0	139.8	82.7	76.0	74.6	110.4	96.9	72.8	102.5
1956	92.4	108.8	82.0	94.6	116.9	137.6	82.2	83.1	78.7	104.1	78.9	74.6	102.6
1957	89.3	95.8	79.8	90.5	111.6	134.0	82.5	79.5	75.9	104.8	76.1	72.5	96.3
1958	76.2	90.3	75.0	83.2	89.5	104.2	72.7	63.7	66.9	83.1	55.6	65.0	90.5
1959	84.0	100.3	83.4	93.0	97.2	107.7	78.4	72.2	77.2	88.7	68.3	71.9	96.2
1960	82.8	93.4	81.4	90.7	98.0	115.2	78.0	72.0	77.9	85.0	71.4	71.9	95.2
1961	78.2	87.4	77.6	86.8	91.5	106.2	74.1	67.7	77.0	76.7	59.5	69.6	92.5
1962	83.4	89.8	83.2	88.9	95.2	106.5	79.2	73.3	83.3	84.8	70.5	72.0	95.9
1963	84.8	91.2	84.6	91.0	98.2	109.9	81.4	75.0	81.4	88.5	76.0	71.8	94.7
1964	87.8	93.2	88.6	93.7	106.1	121.2	84.3	80.5	82.0	88.8	77.1	71.4	96.9
1965	95.1	95.0	94.9	96.3	113.2	126.6	90.9	88.8	91.2	99.5	90.0	76.9	103.2
1966	103.6	96.1	101.4	98.8	116.8	124.2	100.2	99.7	106.4	108.8	88.7	87.4	106.6
1967	101.1	92.0	96.8	94.5	109.6	117.0	101.9	98.7	103.7	106.0	79.1	87.8	102.8
1968	102.7	94.4	101.3	96.8	109.6	118.3	105.7	95.6	103.8	112.7	90.8	86.6	103.2
1969	104.9	95.6	103.7	100.4	114.5	121.2	108.8	99.5	106.1	110.2	91.3	89.7	103.5
1970	95.4	89.2	95.2	96.0	106.0	114.2	98.7	92.1	98.5	90.8	75.5	83.4	98.0
1971	90.6	93.8	97.3	97.0	97.4	102.7	92.9	81.3	92.1	89.6	83.5	76.8	95.1
1972	97.3	103.2	108.0	104.1	101.5	105.0	100.0	88.9	98.7	94.2	90.0	83.2	103.3
1973	106.2	106.5	112.7	109.9	112.2	115.4	108.2	101.7	108.9	102.7	101.6	93.2	107.2
1974	103.4	97.0	105.3	106.8	112.6	115.0	104.5	105.8	105.2	93.8	86.5	98.1	105.4
1975	88.6	81.5	86.0	91.8	93.1	96.6	89.0	92.6	86.5	85.0	75.2	85.9	92.1
1976	94.4	93.6	94.7	96.0	97.1	99.0	94.6	93.4	93.2	93.9	90.5	93.1	98.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	106.3	104.8	107.2	104.9	104.9	104.7	106.1	108.7	106.5	106.3	104.6	107.2	103.0
1979	109.1	105.0	105.4	105.5	107.3	106.2	107.8	115.6	112.1	106.8	97.3	112.7	101.4
1980	99.5	90.7	96.0	95.1	92.5	88.9	98.3	111.4	106.0	91.2	71.2	112.8	93.2
1981	98.0	87.1	96.2	90.6	91.8	90.2	96.1	109.6	105.0	90.9	74.2	113.9	90.4
1982	84.4	75.6	85.4	79.4	69.3	63.6	82.0	91.1	95.5	79.6	64.1	107.1	81.9
1983	85.4	89.4	93.8	82.2	66.5	58.2	82.5	82.3	99.8	84.7	76.6	103.2	80.5

See footnotes at end of table.

Table 74. Indexes of aggregate weekly hours of production workers on manufacturing payrolls by industry, 1947-83—Continued

(1977 = 100)

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
1947	107.4	130.0	198.7	151.2	93.8	78.8	80.4	78.3	122.8	45.9	179.1
1948	106.5	125.5	189.2	152.9	95.6	78.6	79.7	77.7	126.9	43.4	170.5
1949	99.0	121.0	174.5	129.8	92.7	73.1	77.7	71.1	121.7	37.9	158.1
1950	103.6	120.2	167.4	144.8	96.6	81.0	78.9	73.9	119.8	45.1	165.5
1951	104.5	121.5	171.1	139.1	95.8	84.4	80.6	80.6	125.6	48.0	155.9
1952	103.4	120.1	173.0	131.3	98.2	81.3	81.4	80.5	121.9	48.1	163.9
1953	104.7	119.0	168.9	130.1	100.2	85.8	83.5	83.4	125.7	50.7	163.2
1954	98.6	115.4	165.8	114.2	92.5	84.0	83.0	79.9	121.0	44.6	152.1
1955	102.6	115.5	169.2	120.6	98.3	87.9	86.1	82.8	119.1	52.6	161.5
1956	102.3	115.8	161.9	117.1	97.4	89.5	89.3	83.9	117.8	51.2	159.0
1957	99.0	111.1	151.8	108.6	95.3	88.2	89.2	82.6	114.0	51.4	153.7
1958	94.2	107.3	152.3	100.6	90.9	85.6	87.9	78.2	107.2	45.3	144.8
1959	98.8	107.8	151.9	108.4	98.6	90.9	90.8	81.5	102.6	52.2	156.3
1960	97.3	106.6	147.5	103.2	96.9	91.0	92.9	81.9	101.0	51.0	146.9
1961	95.8	104.9	143.8	100.4	95.1	91.4	92.8	81.2	95.5	50.8	146.6
1962	98.2	104.0	140.8	103.1	101.2	93.1	93.5	83.9	93.0	56.7	148.9
1963	97.6	103.0	137.2	100.7	102.3	93.5	92.8	84.9	89.0	57.5	143.1
1964	98.4	102.3	141.1	102.4	103.5	94.2	95.0	85.6	85.2	60.7	143.4
1965	101.9	102.6	131.3	107.9	109.1	96.7	98.2	89.0	84.9	67.2	146.9
1966	105.9	104.6	129.3	112.5	113.0	101.3	102.9	93.9	86.6	73.0	152.4
1967	105.0	104.6	131.9	108.7	110.9	101.4	104.1	95.7	87.2	71.7	143.7
1968	107.2	104.7	126.2	113.4	111.4	103.5	104.8	99.1	89.5	78.7	145.3
1969	107.8	105.6	120.5	112.9	110.7	106.5	107.2	101.1	85.2	82.9	135.7
1970	104.3	105.3	120.9	106.7	105.1	102.4	105.1	97.6	90.2	78.0	126.3
1971	102.9	104.5	111.1	106.4	104.2	98.9	101.3	95.0	94.6	79.3	120.1
1972	103.6	103.9	108.5	112.0	108.4	102.5	102.6	96.0	95.2	88.8	121.7
1973	105.3	101.6	116.0	113.4	111.6	104.8	103.5	99.2	93.7	98.2	114.9
1974	101.7	101.3	113.2	104.2	102.9	103.4	101.5	100.6	94.6	96.4	106.4
1975	92.7	97.3	110.5	92.5	93.5	89.9	94.6	92.4	90.3	81.0	98.0
1976	98.1	99.8	110.6	100.3	101.2	97.3	96.0	97.1	96.0	87.5	105.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.7	100.5	99.3	99.0	101.4	101.3	103.7	102.2	105.2	105.6	101.3
1979	101.9	102.2	97.7	97.3	98.0	102.7	107.3	103.1	106.9	108.3	94.6
1980	98.1	100.5	94.8	92.3	95.1	99.4	106.4	100.9	92.9	97.7	89.4
1981	97.6	98.2	98.3	88.3	94.1	99.2	106.9	101.7	103.2	100.2	91.6
1982	90.8	95.6	93.6	75.2	84.8	93.0	106.3	95.2	93.8	92.2	80.7
1983	93.3	95.2	90.8	81.1	88.7	95.0	109.5	93.9	92.2	100.1	79.3

[1] Includes other industries, not shown separately.

[2] Not available.

NOTE: Data include Alaska and Hawwaii begining in 1959.

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Table 75. Average hourly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry, selected years, 1932-83

Year	Total private	Mining	Construction	Manufacturing			Manufacturing, excluding overtime	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate[2]	Services
				Total	Durable goods	Nondurable goods						
1932	(3)	(3)	(3)	$0.441	$0.492	$0.412	(3)	(3)	(3)	(3)	(3)	(3)
1935	(3)	(3)	(3)	.544	.571	.520	(3)	(3)	$0.610	(3)	(3)	(3)
1940	(3)	(3)	(3)	.655	.716	.590	(3)	(3)	.711	(3)	(3)	(3)
1945	(3)	(3)	(3)	1.016	1.099	.886	$0.949	(3)	.990	(3)	(3)	(3)
1950	$1.335	$1.772	$1.863	1.439	1.517	1.347	1.39	(3)	1.427	$0.983	$1.340	(3)
1955	1.71	2.20	2.45	1.85	1.99	1.67	1.79	(3)	1.83	1.25	1.70	(3)
1960	2.09	2.60	3.07	2.26	2.42	2.05	2.19	(3)	2.24	1.52	2.02	(3)
1961	2.14	2.64	3.20	2.32	2.48	2.11	2.25	(3)	2.31	1.56	2.09	(3)
1962	2.22	2.70	3.31	2.39	2.56	2.17	2.31	(3)	2.37	1.63	2.17	(3)
1963	2.28	2.75	3.41	2.45	2.63	2.22	2.37	(3)	2.45	1.68	2.25	(3)
1964	2.36	2.81	3.55	2.53	2.70	2.29	2.43	$2.89	2.52	1.75	2.30	$1.94
1965	2.46	2.92	3.70	2.61	2.79	2.36	2.50	3.03	2.61	1.82	2.39	2.05
1966	2.56	3.05	3.89	2.71	2.89	2.45	2.59	3.11	2.73	1.91	2.47	2.17
1967	2.68	3.19	4.11	2.82	3.00	2.57	2.71	3.23	2.88	2.01	2.58	2.29
1968	2.85	3.35	4.41	3.01	3.19	2.74	2.88	3.42	3.05	2.16	2.75	2.42
1969	3.04	3.60	4.79	3.19	3.38	2.91	3.05	3.63	3.23	2.30	2.93	2.61
1970	3.23	3.85	5.24	3.35	3.55	3.08	3.23	3.85	3.44	2.44	3.07	2.81
1971	3.45	4.06	5.69	3.57	3.80	3.27	3.45	4.21	3.65	2.60	3.22	3.04
1972	3.70	4.44	6.06	3.82	4.07	3.48	3.66	4.65	3.85	2.75	3.36	3.27
1973	3.94	4.75	6.41	4.09	4.35	3.70	3.91	5.02	4.08	2.91	3.53	3.47
1974	4.24	5.23	6.81	4.42	4.70	4.01	4.25	5.41	4.39	3.14	3.77	3.75
1975	4.53	5.95	7.31	4.83	5.15	4.37	4.67	5.88	4.73	3.36	4.06	4.02
1976	4.86	6.46	7.71	5.22	5.58	4.70	5.02	6.45	5.03	3.57	4.27	4.31
1977	5.25	6.94	8.10	5.68	6.06	5.11	5.44	6.99	5.39	3.85	4.54	4.65
1978	5.69	7.67	8.66	6.17	6.58	5.53	5.91	7.57	5.88	4.20	4.89	4.99
1979	6.16	8.49	9.27	6.70	7.13	6.01	6.43	8.16	6.39	4.53	5.27	5.36
1980	6.66	9.17	9.94	7.27	7.75	6.55	7.02	8.87	6.96	4.88	5.79	5.85
1981	7.25	10.04	10.82	7.99	8.54	7.18	7.72	9.70	7.56	5.25	6.31	6.41
1982	7.68	10.77	11.63	8.49	9.04	7.74	8.25	10.32	8.09	5.48	6.78	6.92
1983	8.02	11.27	11.92	8.83	9.38	8.08	8.51	10.80	8.54	5.74	7.29	7.30

[1] Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] Excludes data on nonoffice sales agents.

[3] Not available.

NOTE: Data on manufacturing, excluding overtime for 1950 represent an eleven-month average. Prior to January 1956, data were based on the application of adjustment factors to average hourly earnings. (For a detailed description, see the *Monthly Labor Review*, May 1950, pp. 537-40). Data for all series include Alaska and Hawaii begining in 1959.

Table 76. Average hourly earnings of production workers on manufacturing payrolls by industry, selected years, 1947-83

Year	Durable goods												
	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass product	Primary metal industries		Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Transportation equipment		Instruments and related products	Miscellaneous manufacturing
					Total[1]	Blast furnaces and basic steel products				Total[1]	Motor vehicles and equipment		
1947	$1.276	$1.089	$1.097	$1.194	$1.388	$1.443	$1.264	$1.344	$1.246	$1.435	$1.473	$1.197	$1.105
1950	1.517	1.297	1.281	1.437	1.647	1.700	1.518	1.600	1.443	1.722	1.778	1.448	1.275
1955	1.99	1.62	1.62	1.86	2.24	2.39	1.96	2.08	1.84	2.21	2.29	1.87	1.61
1960	2.42	1.89	1.88	2.28	2.81	3.04	2.43	2.55	2.28	2.74	2.81	2.31	1.89
1961	2.48	1.95	1.91	2.34	2.90	3.16	2.49	2.62	2.35	2.80	2.86	2.38	1.92
1962	2.56	1.99	1.95	2.41	2.98	3.25	2.55	2.71	2.40	2.91	2.99	2.44	1.98
1963	2.63	2.04	2.00	2.48	3.04	3.31	2.61	2.78	2.46	3.01	3.10	2.49	2.03
1964	2.70	2.11	2.05	2.53	3.11	3.36	2.68	2.87	2.51	3.09	3.21	2.54	2.08
1965	2.79	2.17	2.12	2.62	3.18	3.42	2.76	2.96	2.58	3.21	3.34	2.62	2.14
1966	2.89	2.25	2.21	2.72	3.28	3.53	2.88	3.09	2.65	3.33	3.44	2.73	2.22
1967	3.00	2.37	2.33	2.82	3.34	3.57	2.98	3.19	2.77	3.44	3.55	2.85	2.35
1968	3.19	2.57	2.47	2.99	3.55	3.76	3.16	3.36	2.93	3.69	3.89	2.98	2.50
1969	3.38	2.74	2.62	3.19	3.79	4.02	3.34	3.58	3.09	3.89	4.10	3.15	2.66
1970	3.55	2.96	2.77	3.40	3.93	4.16	3.53	3.77	3.28	4.06	4.22	3.34	2.83
1971	3.80	3.17	2.90	3.67	4.23	4.49	3.77	4.02	3.49	4.45	4.72	3.50	2.97
1972	4.07	3.33	3.08	3.94	4.66	5.08	4.04	4.32	3.71	4.81	5.13	3.66	3.11
1973	4.35	3.61	3.29	4.22	5.04	5.51	4.29	4.60	3.91	5.15	5.46	3.83	3.29
1974	4.70	3.89	3.53	4.54	5.60	6.27	4.61	4.94	4.21	5.54	5.87	4.11	3.53
1975	5.15	4.26	3.78	4.92	6.18	6.94	5.05	5.37	4.64	6.07	6.44	4.53	3.81
1976	5.58	4.72	3.99	5.33	6.77	7.59	5.49	5.79	4.96	6.62	7.09	4.93	4.04
1977	6.06	5.10	4.34	5.81	7.40	8.36	5.91	6.26	5.39	7.29	7.85	5.29	4.36
1978	6.58	5.60	4.68	6.33	8.20	9.39	6.35	6.78	5.82	7.91	8.50	5.71	4.69
1979	7.13	6.07	5.06	6.85	8.98	10.41	6.85	7.32	6.32	8.53	9.06	6.17	5.03
1980	7.75	6.55	5.49	7.50	9.77	11.39	7.45	8.00	6.94	9.35	9.85	6.80	5.46
1981	8.54	6.99	5.91	8.27	10.81	12.60	8.19	8.81	7.62	10.39	11.02	7.40	5.97
1982	9.04	7.43	6.31	8.87	11.33	13.35	8.77	9.26	8.21	11.11	11.62	8.06	6.42
1983	9.38	7.79	6.62	9.27	11.34	12.89	9.11	9.55	8.65	11.66	12.12	8.46	6.80

See footnotes at end of table.

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Table 76. Average hourly earnings of production workers on manufacturing payrolls by industry, selected years, 1947-83—Continued

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
1947	$1.145	$1.063	$0.904	$1.035	$1.161	$1.153	$1.475	$1.220	$1.501	$1.299	$1.038
1950	1.347	1.262	1.076	1.227	1.239	1.398	1.831	1.496	1.841	1.472	1.169
1955	1.67	1.66	1.34	1.38	1.37	1.81	2.26	1.97	2.37	1.96	1.39
1960	2.05	2.11	1.70	1.61	1.59	2.26	2.68	2.50	2.89	2.32	1.64
1961	2.11	2.17	1.78	1.63	1.64	2.34	2.75	2.58	3.01	2.38	1.68
1962	2.17	2.24	1.85	1.68	1.69	2.40	2.82	2.65	3.05	2.44	1.72
1963	2.22	2.30	1.91	1.71	1.73	2.48	2.89	2.72	3.16	2.47	1.76
1964	2.29	2.37	1.95	1.79	1.79	2.56	2.97	2.80	3.20	2.54	1.83
1965	2.36	2.44	2.09	1.87	1.83	2.65	3.06	2.89	3.28	2.61	1.88
1966	2.45	2.52	2.19	1.96	1.89	2.75	3.16	2.98	3.41	2.67	1.94
1967	2.57	2.64	2.27	2.06	2.03	2.87	3.28	3.10	3.58	2.75	2.07
1968	2.74	2.80	2.48	2.21	2.21	3.05	3.48	3.26	3.75	2.92	2.23
1969	2.91	2.96	2.62	2.35	2.31	3.24	3.69	3.47	4.00	3.07	2.36
1970	3.08	3.16	2.91	2.45	2.39	3.44	3.92	3.69	4.28	3.20	2.49
1971	3.27	3.38	3.16	2.57	2.49	3.67	4.20	3.97	4.57	3.39	2.59
1972	3.48	3.60	3.47	2.75	2.60	3.95	4.51	4.26	4.96	3.61	2.68
1973	3.70	3.85	3.76	2.95	2.76	4.20	4.75	4.51	5.28	3.81	2.79
1974	4.01	4.19	4.12	3.20	2.97	4.53	5.03	4.88	5.68	4.06	2.99
1975	4.37	4.61	4.55	3.42	3.17	5.01	5.38	5.39	6.48	4.39	3.21
1976	4.70	4.98	4.98	3.69	3.40	5.47	5.71	5.91	7.21	4.66	3.40
1977	5.11	5.37	5.54	3.99	3.62	5.96	6.12	6.43	7.83	5.17	3.61
1978	5.53	5.80	6.13	4.30	3.94	6.52	6.51	7.02	8.63	5.52	3.89
1979	6.01	6.27	6.67	4.66	4.23	7.13	6.94	7.60	9.36	5.97	4.22
1980	6.55	6.85	7.74	5.07	4.56	7.84	7.53	8.30	10.10	6.52	4.58
1981	7.18	7.44	8.88	5.52	4.97	8.60	8.19	9.12	11.38	7.17	4.99
1982	7.74	7.92	9.79	5.83	5.20	9.32	8.74	9.96	12.46	7.64	5.33
1983	8.08	8.20	10.35	6.18	5.37	9.94	9.11	10.59	13.29	7.99	5.54

[1] Includes other industries, not shown separately.

NOTE: Data include Alasks and Hawaii begining in 1959.

Table 77. Average hourly earnings, excluding overtime[1], of production workers on manufacturing payrolls by industry, selected years, 1941-83

Year	Durable goods										
	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass product	Primary metal industries	Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Transportation equipment	Instruments and related products	Miscellaneous manufacturing
1941	$0.762	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
1945[3]	1.031	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
1950	1.46	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
1955	1.91	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
1960	2.35	$1.83	$1.82	$2.20	$2.75	$2.36	$2.47	$2.22	$2.65	$2.25	$1.84
1961	2.41	1.88	1.86	2.25	2.84	2.41	2.54	2.29	2.72	2.32	1.87
1962	2.47	1.91	1.89	2.31	2.90	2.46	2.61	2.34	2.80	2.37	1.92
1963	2.54	1.96	1.93	2.37	2.94	2.51	2.68	2.40	2.89	2.42	1.98
1964	2.60	2.03	1.97	2.42	2.99	2.57	2.75	2.44	2.96	2.47	2.02
1965	2.66	2.08	2.03	2.49	3.04	2.64	2.80	2.49	3.04	2.53	2.07
1966	2.75	2.14	2.11	2.58	3.13	2.73	2.90	2.54	3.15	2.61	2.15
1967	2.87	2.26	2.24	2.68	3.21	2.85	3.03	2.69	3.29	2.75	2.27
1968	3.05	2.45	2.38	2.84	3.40	3.01	3.21	2.84	3.50	2.89	2.43
1969	3.23	2.61	2.52	3.01	3.61	3.18	3.40	2.98	3.72	3.04	2.57
1970	3.42	2.84	2.69	3.24	3.79	3.39	3.63	3.19	3.92	3.25	2.75
1971	3.67	3.03	2.81	3.49	4.08	3.64	3.89	3.40	4.29	3.41	2.89
1972	3.90	3.18	2.97	3.73	4.47	3.88	4.14	3.59	4.57	3.54	3.01
1973	4.14	3.44	3.16	3.98	4.79	4.09	4.36	3.77	4.86	3.69	3.19
1974	4.51	3.73	3.42	4.31	5.35	4.42	4.70	4.08	5.32	3.98	3.43
1975	4.99	4.11	3.69	4.71	5.98	4.89	5.19	4.54	5.87	4.43	3.72
1976	5.37	4.52	3.89	5.08	6.51	5.28	5.56	4.82	6.31	4.79	3.93
1977	5.80	4.87	4.21	5.51	7.08	5.66	5.97	5.22	6.88	5.14	4.24
1978	6.29	5.35	4.52	5.98	7.81	6.07	6.45	5.63	7.47	5.54	4.55
1979	6.83	5.81	4.92	6.49	8.57	6.57	6.99	6.11	8.12	5.99	4.89
1980	7.49	6.32	5.37	7.17	9.44	7.20	7.68	6.75	8.99	6.61	5.33
1981	8.25	6.77	5.77	7.90	10.41	7.92	8.48	7.42	10.00	7.20	5.82
1982	8.80	7.22	6.19	8.50	11.04	8.55	9.01	8.02	10.75	7.90	6.29
1983	9.05	7.50	6.43	8.83	10.93	8.80	9.25	8.38	11.15	8.26	6.83

See footnotes at end of table.

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Table 77. Average hourly earnings, excluding overtime[1], of production workers on manufacturing payrolls by industry, selected years, 1941-83—Continued

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
1941	$0.613	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
1945[3]	.841	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
1950	1.31	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
1955	1.62	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
1960	1.99	$2.02	$1.68	$1.56	$1.57	$2.15	(2)	$2.43	$2.82	$2.25	$1.61
1961	2.05	2.09	1.75	1.58	1.62	2.22	(2)	2.51	2.94	2.30	1.64
1962	2.09	2.15	1.83	1.62	1.66	2.29	(2)	2.57	2.97	2.35	1.69
1963	2.15	2.21	1.88	1.65	1.70	2.36	(2)	2.64	3.07	2.38	1.73
1964	2.21	2.27	1.91	1.71	1.76	2.43	(2)	2.72	3.11	2.44	1.79
1965	2.27	2.33	2.06	1.78	1.79	2.50	(2)	2.79	3.18	2.49	1.84
1966	2.35	2.40	2.15	1.87	1.85	2.59	(2)	2.87	3.29	2.54	1.89
1967	2.47	2.52	2.22	1.97	1.99	2.71	(2)	3.00	3.43	2.62	2.02
1968	2.63	2.66	2.43	2.10	2.17	2.87	(2)	3.14	3.60	2.78	2.17
1969	2.79	2.82	2.57	2.24	2.26	3.05	(2)	3.33	3.83	2.92	2.31
1970	2.97	3.01	2.85	2.36	2.35	3.26	(2)	3.56	4.09	3.07	2.43
1971	3.15	3.23	3.09	2.46	2.44	3.48	(2)	3.83	4.38	3.27	2.53
1972	3.34	3.43	3.40	2.61	2.54	3.73	$4.34	4.10	4.75	3.44	2.60
1973	3.54	3.67	3.65	2.80	2.71	3.97	4.57	4.33	5.05	3.63	2.72
1974	3.86	3.99	4.01	3.07	2.93	4.30	4.85	4.69	5.43	3.90	2.92
1975	4.22	4.40	4.43	3.29	3.12	4.78	5.22	5.22	6.25	4.24	3.13
1976	4.53	4.74	4.89	3.54	3.35	5.18	5.52	5.69	6.93	4.47	3.32
1977	4.91	5.11	5.40	3.82	3.56	5.64	5.90	6.18	7.48	4.95	3.52
1978	5.32	5.53	5.96	4.11	3.87	6.16	6.26	6.73	8.23	5.28	3.80
1979	5.78	5.97	6.55	4.47	4.17	6.75	6.69	7.30	8.92	5.76	4.14
1980	6.32	6.54	7.57	4.88	4.50	7.46	7.28	8.00	9.67	6.31	4.49
1981	6.94	7.10	8.66	5.32	4.90	8.17	7.93	8.77	10.90	6.91	4.90
1982	7.49	7.58	9.62	5.67	5.13	8.89	8.48	9.64	11.93	7.40	5.24
1983	7.79	7.84	10.19	5.92	5.27	9.43	8.81	10.21	12.71	7.66	5.44

[1] Derived by assuming that overtime hours are paid at the rate of time and one-half.

[2] Not available.

[3] 11-month average.

Table 78. The Hourly Earnings Index for production or nonsupervisory workers[1] on private nonagricultural payrolls by industry, in current and constant (1977) dollars, 1964-83

(1977 = 100)

Year	Total private		Mining		Construction	
	Current dollars	Constant dollars	Current dollars	Constant dollars	Current dollars	Constant dollars
1964	44.81	87.51	40.95	79.98	44.52	86.95
1965	46.35	88.96	42.62	81.80	46.19	.00
1966	48.39	90.27	44.65	83.30	48.63	90.72
1967	50.78	92.15	46.55	84.48	51.41	93.30
1968	53.93	93.95	49.00	85.36	55.11	96.01
1969	57.50	95.04	52.74	87.17	59.86	98.94
1970	61.32	95.66	55.82	87.08	65.41	102.04
1971	65.65	98.27	59.04	88.38	70.95	106.21
1972	69.84	101.21	63.69	92.30	75.10	108.84
1973	74.14	101.14	68.51	93.46	79.24	108.10
1974	80.01	98.29	75.93	93.28	84.17	103.40
1975	86.68	97.61	85.38	96.14	90.27	101.65
1976	92.93	98.96	92.54	98.55	95.14	101.32
1977	99.99	99.99	100.00	100.00	100.00	100.00
1978	108.16	100.52	112.18	104.25	106.74	99.20
1979	116.80	97.41	122.86	102.46	114.13	95.18
1980	127.29	93.52	134.16	98.57	121.94	89.59
1981	138.87	92.58	148.23	98.82	132.03	88.02
1982	148.46	93.37	158.92	99.94	141.22	88.81
1983	155.33	94.82	166.62	101.72	145.25	88.67

Year	Manufacturing		Transportation and public utilities		Wholesale trade	
	Current dollars	Constant dollars	Current dollars	Constant dollars	Current dollars	Constant dollars
1964	45.17	88.22	41.67	81.38	46.51	90.83
1965	46.34	88.94	43.71	83.89	48.03	92.18
1966	47.91	89.38	45.03	84.01	50.22	93.69
1967	50.12	90.96	46.87	85.06	52.98	96.15
1968	53.16	92.61	49.31	85.90	55.99	97.54
1969	56.32	93.09	52.40	86.61	59.39	98.16
1970	59.85	93.36	55.59	86.72	63.22	98.62
1971	63.81	95.52	60.76	90.95	67.45	100.97
1972	67.81	98.27	66.71	96.68	71.49	103.60
1973	71.94	98.14	71.94	98.14	75.68	103.24
1974	78.12	95.97	77.47	95.17	81.43	100.03
1975	85.87	96.70	84.25	94.87	87.68	98.73
1976	92.48	98.48	92.19	98.17	93.25	99.30
1977	99.99	99.99	100.00	100.00	100.00	100.00
1978	108.25	100.60	108.23	100.58	109.11	101.40
1979	117.59	98.07	116.80	97.41	118.60	98.91
1980	129.37	95.05	127.21	93.46	128.99	94.77
1981	141.92	94.61	139.38	92.92	139.93	93.28
1982	152.38	95.83	148.80	93.58	149.65	94.11
1983	157.78	96.32	156.69	95.65	158.13	96.53

See footnotes at end of table.

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Table 78. The Hourly Earnings Index for production or nonsupervisory workers[1] on private nonagricultural payrolls by industry, in current and constant (1977) dollars, 1964-83—Continued

(1977=100)

Year	Retail trade		Finance, insurance, and real estate		Services	
	Current dollars	Constant dollars	Current dollars	Constant dollars	Current dollars	Constant dollars
1964	45.58	89.02	49.34	96.36	43.40	84.76
1965	47.53	91.22	51.15	98.17	44.76	85.91
1966	49.82	92.94	53.12	99.10	47.90	89.36
1967	52.61	95.48	55.33	100.41	50.53	91.70
1968	56.56	98.53	58.53	101.96	53.37	92.97
1969	60.36	99.76	62.08	102.61	57.35	94.79
1970	64.01	99.85	65.78	102.62	61.46	95.88
1971	67.54	101.10	69.83	104.53	66.18	99.07
1972	70.84	102.66	73.10	105.94	70.60	102.31
1973	75.01	102.33	77.12	105.21	74.89	102.16
1974	81.11	99.64	82.92	101.86	80.69	99.12
1975	87.03	98.00	89.15	100.39	86.49	97.39
1976	92.70	98.72	94.00	100.10	92.91	98.94
1977	100.00	100.00	100.00	100.00	100.00	100.00
1978	109.05	101.34	107.60	100.00	107.36	99.77
1979	117.67	98.14	115.97	96.72	115.12	96.01
1980	127.16	93.43	126.98	93.29	125.45	92.17
1981	137.04	91.36	138.07	92.04	137.28	91.52
1982	143.43	90.20	148.26	93.24	147.89	93.01
1983	150.15	91.66	158.74	96.91	156.00	95.23

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[1] Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

NOTE: The Hourly Earnings Index excludes the effect of two types of changes that are unrelated to underlying wage rate movements: Fluctuations in overtime in manufacturing and interindustry employment shifts. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

Table 79. Average weekly earnings of production or nonsupervisory workers[1] on private nonagricultural payrolls by industry, selected years, 1922-83

Year	Total private	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate[2]	Services
				Total	Durable goods	Nondurable goods					
1922	(3)	(3)	(3)	21.28	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1925	(3)	(3)	(3)	24.11	26.02	21.99	(3)	(3)	(3)	(3)	(3)
1930	(3)	(3)	(3)	23.00	24.42	21.40	(3)	(3)	(3)	(3)	(3)
1935	(3)	(3)	(3)	19.91	21.24	18.77	(3)	25.38	(3)	(3)	(3)
1940	(3)	(3)	(3)	24.96	28.07	21.83	(3)	29.36	(3)	(3)	(3)
1945	(3)	(3)	(3)	44.20	48.36	37.48	(3)	42.37	(3)	(3)	(3)
1950	53.13	67.16	69.68	58.28	62.35	53.44	(3)	58.08	39.71	50.52	(3)
1955	67.72	89.54	90.90	75.30	82.19	66.63	(3)	74.48	48.75	63.92	(3)
1960	80.67	105.04	112.67	89.72	97.04	80.36	(3)	90.72	57.76	75.14	(3)
1961	82.60	106.92	118.08	92.34	99.94	82.92	(3)	93.56	58.66	77.12	(3)
1962	85.91	110.70	122.47	96.56	104.70	86.15	(3)	96.22	60.96	80.94	(3)
1963	88.46	114.40	127.19	99.23	108.09	87.91	(3)	99.47	62.66	84.38	(3)
1964	91.33	117.74	132.06	102.97	112.05	90.91	118.78	102.56	64.75	85.79	70.03
1965	95.45	123.52	138.38	107.53	117.18	94.64	125.14	106.49	66.61	88.91	73.60
1966	98.82	130.24	146.26	112.19	121.96	98.49	128.13	111.11	68.57	92.13	77.04
1967	101.84	135.89	154.95	114.49	123.60	102.03	130.82	116.06	70.95	95.72	80.38
1968	107.73	142.71	164.49	122.51	132.07	109.05	138.85	122.31	74.95	101.75	83.97
1969	114.61	154.80	181.54	129.51	139.59	115.53	147.74	129.85	78.66	108.70	90.57
1970	119.83	164.40	195.45	133.33	143.07	120.43	155.93	137.26	82.47	112.67	96.66
1971	127.31	172.14	211.67	142.44	153.14	128.51	168.82	144.18	87.62	117.85	103.06
1972	136.90	189.14	221.19	154.71	167.68	138.16	187.86	151.69	91.85	122.98	110.85
1973	145.39	201.40	235.89	166.46	180.53	146.52	203.31	160.34	96.32	129.20	117.29
1974	154.76	219.14	249.25	176.80	191.29	156.79	217.48	170.33	102.68	137.61	126.00
1975	163.53	249.31	266.08	190.79	205.49	169.56	233.44	183.05	108.86	148.19	134.67
1976	175.45	273.90	283.73	209.32	226.55	185.18	256.71	194.66	114.60	155.43	143.52
1977	189.00	301.20	295.65	228.90	248.46	201.33	278.90	209.13	121.66	165.26	153.45
1978	203.70	332.88	318.69	249.27	270.44	217.88	302.80	228.14	130.20	178.00	163.67
1979	219.91	365.07	342.99	269.34	290.90	236.19	325.58	247.93	138.62	190.77	175.27
1980	235.10	397.06	367.78	288.62	310.78	255.45	351.25	267.96	147.38	209.60	190.71
1981	255.20	438.75	399.26	318.00	343.31	280.74	382.18	291.06	158.03	229.05	208.97
1982	267.26	459.88	426.82	330.26	355.27	297.22	402.48	309.85	163.85	245.44	225.59
1983	280.70	478.98	443.42	354.08	381.77	318.35	421.20	328.79	171.05	263.90	238.71

[1] Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

[2] Excludes data on nonoffice sales agents.

[3] Data are not available.

NOTE: Data include Alaska and Hawaii beginning in 1959.

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Table 80. Average weekly earnings of production workers on manufacturing payrolls by industry, selected years, 1947-83

Year	Durable goods												
	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal industries		Fabricated metal products	Machinery, except electrical	Electrical and electronic equipment	Transportation equipment		Instruments and related products	Miscellaneous manufacturing
					Total	Blast furnaces and basic steel products				Total[1]	Motor vehicles and equipment		
1947	$51.68	$43.89	$45.53	$48.95	$55.38	$56.51	$51.70	$55.78	$50.21	$56.97	$58.63	$48.36	$44.75
1950	62.35	51.23	53.55	59.06	67.36	67.95	63.00	67.04	59.31	71.29	74.85	59.80	52.02
1955	82.19	63.99	67.07	77.00	92.51	96.80	81.73	87.36	74.89	93.48	99.84	76.48	64.88
1960	97.04	73.71	75.20	92.57	109.59	116.13	98.42	104.55	90.74	111.52	115.21	93.32	74.28
1961	99.94	77.03	76.40	95.24	114.55	122.92	100.85	107.42	94.47	113.40	114.69	96.87	75.84
1962	104.70	79.20	79.37	98.81	119.80	127.40	104.81	113.01	97.44	122.22	127.67	99.80	78.61
1963	108.09	81.80	81.80	102.67	124.64	133.06	107.79	116.20	99.14	126.42	132.68	101.59	80.39
1964	112.05	85.24	84.46	105.50	129.69	138.43	111.76	121.69	101.66	130.09	138.03	103.63	82.37
1965	117.18	88.75	87.98	110.04	133.88	140.90	116.20	127.58	105.78	137.71	147.63	108.47	85.39
1966	121.96	91.80	91.72	114.24	138.09	144.73	122.11	135.34	109.18	141.86	147.23	114.93	88.80
1967	123.60	95.27	94.13	117.31	137.27	143.51	123.67	135.89	111.35	142.42	144.84	117.42	92.59
1968	132.07	104.34	100.28	124.98	147.68	154.16	131.77	141.46	118.08	155.72	168.09	120.69	98.50
1969	139.59	110.15	105.85	133.66	158.42	166.03	138.94	152.15	124.84	161.44	170.56	128.21	103.74
1970	143.07	116.92	108.58	140.08	158.77	166.40	143.67	154.95	130.54	163.62	170.07	134.27	109.52
1971	153.14	126.17	115.42	152.67	169.62	177.80	152.31	163.21	139.25	181.12	194.46	139.30	115.53
1972	167.68	134.53	123.82	165.87	192.92	206.25	166.45	181.87	149.88	200.58	220.59	148.60	122.85
1973	180.53	144.04	131.60	176.82	213.19	229.77	178.46	196.88	157.96	216.82	237.51	156.65	128.31
1974	191.29	152.49	138.02	187.50	232.96	258.95	188.09	207.97	167.14	224.37	238.32	166.04	136.61
1975	205.49	164.86	143.64	198.77	247.20	274.13	202.51	219.10	183.28	245.23	259.53	178.94	146.69
1976	226.55	188.33	154.81	219.06	276.22	305.88	223.99	238.55	198.40	276.05	304.16	198.68	156.75
1977	248.46	202.98	169.26	239.95	305.62	338.58	242.31	259.79	217.76	309.83	345.40	214.77	169.17
1978	270.44	222.88	183.92	263.33	342.76	389.69	260.35	285.44	234.55	333.80	368.05	233.54	181.97
1979	290.90	239.16	195.82	284.28	371.77	428.89	278.80	305.98	254.70	350.58	372.37	251.74	195.16
1980	310.78	252.18	209.17	306.00	391.78	448.77	300.98	328.00	276.21	379.61	394.00	275.40	211.30
1981	343.31	270.51	226.94	335.76	437.81	509.04	330.06	360.33	304.80	424.95	450.72	298.96	231.64
1982	355.27	282.34	234.73	355.69	437.34	505.97	343.78	367.62	322.65	449.96	470.61	320.79	246.53
1983	381.77	312.38	260.83	384.71	459.27	509.16	369.87	386.78	350.33	490.89	524.80	341.78	265.88

See footnotes at end of table.

Table 80. Average weekly earnings of production workers on manufacturing payrolls by industry, selected years, 1947-83—Continued

Year	Nondurable goods										
	Total	Food and kindred products	Tobacco manufactures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
1947	$46.03	$45.92	$35.17	$40.99	$41.80	$49.69	$59.30	$50.26	$60.94	$51.83	$40.07
1950	53.44	52.88	41.00	48.59	44.60	60.53	71.23	61.64	75.11	60.35	43.95
1955	66.63	68.89	51.86	55.34	49.73	78.01	87.91	80.97	96.93	81.93	52.68
1960	80.36	86.09	64.94	63.60	56.45	95.15	102.91	103.25	118.78	92.57	60.52
1961	82.92	88.75	69.42	65.04	58.06	99.45	105.05	106.81	124.01	95.91	62.83
1962	86.15	91.84	71.41	68.21	61.18	102.24	108.01	110.24	126.88	100.04	64.67
1963	87.91	94.30	73.92	69.43	62.45	105.90	110.69	113.15	131.77	100.78	66.00
1964	90.91	97.17	75.66	73.39	64.26	109.57	114.35	116.48	133.76	104.90	69.36
1965	94.64	100.28	79.21	77.98	66.61	114.22	118.12	121.09	138.42	109.62	71.82
1966	98.49	103.82	85.19	82.12	68.80	119.35	122.61	125.16	144.58	112.14	74.88
1967	102.03	107.98	87.62	84.25	73.08	122.84	125.95	128.96	152.87	113.85	79.07
1968	109.05	114.24	93.99	91.05	79.78	130.85	133.28	136.27	159.38	121.18	85.41
1969	115.53	120.77	97.99	95.88	82.93	139.32	141.33	145.05	170.40	126.18	87.79
1970	120.43	127.98	110.00	97.76	84.37	144.14	147.78	153.50	183.18	128.64	92.63
1971	128.51	136.21	119.45	104.34	88.64	154.51	157.50	165.15	195.60	136.62	97.64
1972	138.16	145.80	130.47	113.58	93.60	169.06	170.03	177.64	211.79	148.37	102.64
1973	146.52	155.54	145.14	120.66	99.08	180.18	179.08	188.52	223.87	156.59	105.46
1974	156.79	169.28	157.80	126.40	104.54	191.17	188.63	202.52	239.13	164.43	110.33
1975	169.56	185.78	173.81	134.41	111.58	208.42	198.52	220.99	266.98	175.16	119.09
1976	185.18	201.69	186.75	147.97	121.72	232.48	214.13	245.86	303.54	189.66	127.16
1977	201.33	214.80	209.41	161.20	128.87	255.68	230.72	268.13	334.34	211.97	133.21
1978	217.88	230.26	233.55	173.72	140.26	279.71	244.78	294.14	376.27	225.77	144.32
1979	236.19	250.17	253.46	188.26	149.32	303.74	260.25	318.44	409.97	241.79	154.03
1980	255.45	271.95	294.89	203.31	161.42	330.85	279.36	344.45	422.18	260.80	168.09
1981	280.74	295.37	344.54	218.59	177.43	365.50	305.49	379.39	491.62	288.95	183.13
1982	297.22	312.05	370.06	218.63	180.44	389.58	324.25	407.36	546.99	302.54	189.75
1983	318.35	323.90	387.09	250.29	194.39	423.44	342.54	440.54	583.43	329.19	203.87

[1] Includes other industries, not shown separately.

NOTE: Data include Alaska and Hawaii beginning in 1959.

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Table 81. Average weekly earnings of production[1] or nonsupervisory workers on private nonagricultural payrolls by industry, in current and constant (1977) dollars, 1947-83

Year	Total private		Mining		Construction	
	Current dollars	Constant dollars	Current dollars	Constant dollars	Current dollars	Constant dollars
1947	$45.58	$123.52	$59.89	$162.30	$58.83	$159.43
1950	53.13	133.83	67.16	169.17	69.68	175.52
1955	67.72	153.21	89.54	202.58	90.90	205.66
1960	80.67	164.97	105.04	214.81	112.67	230.41
1961	82.60	167.21	106.92	216.44	118.08	239.03
1962	85.91	172.16	110.70	221.84	122.47	245.43
1963	88.46	175.17	114.40	226.53	127.19	251.86
1964	91.33	178.38	117.74	229.96	132.06	257.93
1965	95.45	183.21	123.52	237.08	138.38	265.60
1966	98.82	184.37	130.24	242.99	146.26	272.87
1967	101.84	184.83	135.89	246.62	154.95	281.22
1968	107.73	187.68	142.71	248.62	164.49	286.57
1969	114.61	189.44	154.80	255.87	181.54	300.07
1970	119.83	186.94	164.40	256.47	195.45	304.91
1971	127.31	190.58	172.14	257.69	211.67	316.87
1972	136.90	198.41	189.14	274.12	221.19	320.57
1973	145.39	198.35	201.40	274.76	235.89	321.81
1974	154.76	190.12	219.14	269.21	249.25	306.20
1975	163.53	184.16	249.31	280.75	266.08	299.64
1976	175.45	186.85	273.90	291.69	283.73	302.16
1977	189.00	189.00	301.20	301.20	295.65	295.65
1978	203.70	189.31	332.88	309.37	318.69	296.18
1979	219.91	183.41	365.07	304.48	342.99	286.06
1980	235.10	172.74	397.06	291.74	367.78	270.23
1981	255.20	170.13	438.75	292.50	399.26	266.17
1982	267.26	168.09	459.88	289.23	426.82	268.44
1983	280.70	171.26	478.98	292.24	443.42	270.54

See footnotes at end of table.

Table 81. Average weekly earnings of production[1] or nonsupervisory workers on private nonagricultural payrolls by industry, in current and constant (1977) dollars, 1947-83—Continued

Year	Manufacturing		Transportation and public utilities		Wholesale trade	
	Current dollars	Constant dollars	Current dollars	Constant dollars	Current dollars	Constant dollars
1947	$49.13	$133.14	(2)	(2)	$50.10	$135.77
1950	58.28	146.80	(2)	(2)	58.08	146.30
1955	75.30	170.36	(2)	(2)	74.48	168.51
1960	89.72	183.48	(2)	(2)	90.72	185.52
1961	92.34	186.92	(2)	(2)	93.56	189.39
1962	96.56	193.51	(2)	(2)	96.22	192.83
1963	99.23	196.50	(2)	(2)	99.47	196.97
1964	102.97	201.11	$118.78	$231.99	102.56	200.31
1965	107.53	206.39	125.14	240.19	106.49	204.40
1966	112.19	209.31	128.13	239.05	111.11	207.29
1967	114.49	207.79	130.82	237.42	116.06	210.64
1968	122.51	213.43	138.85	241.90	122.31	213.08
1969	129.51	214.07	147.74	244.20	129.85	214.63
1970	133.33	208.00	155.93	243.26	137.26	214.13
1971	142.44	213.23	168.82	252.72	144.18	215.84
1972	154.71	224.22	187.86	272.26	151.69	219.84
1973	166.46	227.09	203.31	277.37	160.34	218.74
1974	176.80	217.20	217.48	267.17	170.33	209.25
1975	190.79	214.85	233.44	262.88	183.05	206.14
1976	209.32	222.92	256.71	273.39	194.66	207.31
1977	228.90	228.90	278.90	278.90	209.13	209.13
1978	249.27	231.66	302.80	281.41	228.14	212.03
1979	269.34	224.64	325.58	271.54	247.93	206.78
1980	288.62	212.06	351.25	258.08	267.96	196.88
1981	318.00	212.00	382.18	254.79	291.06	194.04
1982	330.26	207.71	402.48	253.13	309.85	194.87
1983	354.08	216.03	421.20	256.99	328.79	200.60

See footnotes at end of table.

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Table 81. Average weekly earnings of production[1] or nonsupervisory workers on private nonagricultural payrolls by industry, in current and constant (1977) dollars, 1947-83—Continued

Year	Retail trade		Finance, insurance, and real estate[3]		Services	
	Current dollars	Constant dollars	Current dollars	Constant dollars	Current dollars	Constant dollars
1947	$33.77	$91.52	$43.21	$117.10	(2)	(2)
1950	39.71	100.03	50.52	127.25	(2)	(2)
1955	48.75	110.29	63.92	144.62	(2)	(2)
1960	57.76	118.12	75.14	153.66	(2)	(2)
1961	58.66	118.74	77.12	156.11	(2)	(2)
1962	60.96	122.16	80.94	162.20	(2)	(2)
1963	62.66	124.08	84.38	167.09	(2)	(2)
1964	64.75	126.46	85.79	167.56	$70.03	$136.78
1965	66.61	127.85	88.91	170.65	73.60	141.27
1966	68.57	127.93	92.13	171.88	77.04	143.73
1967	70.95	128.77	95.72	173.72	80.38	145.88
1968	74.95	130.57	101.75	177.26	83.97	146.29
1969	78.66	130.02	108.70	179.67	90.57	149.70
1970	82.47	128.66	112.67	175.77	96.66	150.80
1971	87.62	131.17	117.85	176.42	103.06	154.28
1972	91.85	133.12	122.98	178.23	110.85	160.65
1973	96.32	131.41	129.20	176.26	117.29	160.01
1974	102.68	126.14	137.61	169.05	126.00	154.79
1975	108.86	122.59	148.19	166.88	134.67	151.66
1976	114.60	122.04	155.43	165.53	143.52	152.84
1977	121.66	121.66	165.26	165.26	153.45	153.45
1978	130.20	121.00	178.00	165.43	163.67	152.11
1979	138.62	115.61	190.77	159.11	175.27	146.18
1980	147.38	108.29	209.60	154.00	190.71	140.12
1981	158.03	105.35	229.05	152.70	208.97	139.31
1982	163.85	103.05	245.44	154.36	225.59	141.88
1983	171.05	104.36	263.90	161.01	238.71	145.64

[1] Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance and real estate; and services.

[2] Not available.

[3] Excludes data on nonoffice sales agents.

NOTE: Data include Alaska and Hawaii beginning in 1959. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

Table 82. Employees on nonagricultural payrolls by State, selected years, 1945-83

(In thousands)

State	1945	1950	1955	1960	1961	1962	1963	1964	1965
Alabama	579.1	619.6	702.9	776.4	774.6	791.8	812.5	843.8	886.5
Alaska	(1)	(1)	(1)	56.6	57.1	58.9	62.1	65.4	70.5
Arizona	136.5	161.6	226.0	333.8	347.1	364.8	377.2	389.1	403.7
Arkansas	273.1	298.3	321.0	367.6	378.0	399.7	416.3	431.8	458.8
California	2,961.3	3,209.4	4,082.9	4,896.0	4,996.1	5,217.7	5,412.3	5,606.5	5,800.3
Colorado	295.9	361.3	436.8	520.9	542.8	557.5	571.7	583.2	598.9
Connecticut	688.7	766.1	874.8	915.4	922.6	949.8	969.3	991.2	1,032.9
Delaware	97.8	121.0	143.7	153.9	151.9	156.4	163.6	170.8	184.1
District of Columbia[2]	487.2	497.3	502.7	501.6	511.4	527.2	542.5	551.5	572.5
Florida	562.2	704.4	965.9	1,320.6	1,333.9	1,387.8	1,447.4	1,526.5	1,619.1
Georgia	725.4	806.6	959.5	1,051.1	1,050.7	1,092.7	1,139.7	1,186.7	1,257.1
Hawaii	(1)	(1)	(1)	188.8	193.8	195.2	199.6	207.8	219.4
Idaho	102.8	131.6	138.5	155.2	159.1	164.6	164.7	168.6	177.6
Illinois	(3)	3,175.2	3,426.8	3,537.9	3,502.5	3,572.5	3,614.4	3,712.2	3,880.4
Indiana	1,100.6	1,272.4	1,377.4	1,431.4	1,408.4	1,461.3	1,498.7	1,545.7	1,631.1
Iowa	508.2	608.6	632.6	680.1	678.5	685.2	699.8	718.3	752.2
Kansas	421.9	464.3	545.0	560.2	562.4	573.5	574.2	587.2	600.4
Kentucky	466.4	547.8	620.2	653.6	648.0	673.7	702.9	721.7	758.9
Louisiana	540.6	636.2	725.5	783.0	774.0	790.1	810.5	849.4	898.1
Maine	258.3	253.9	275.1	277.5	277.1	279.5	279.6	285.1	295.4
Maryland[4]	650.5	715.2	834.3	894.7	908.7	949.2	978.6	1,009.7	1,057.6
Massachusetts	1,643.2	1,757.1	1,814.5	1,901.0	1,911.1	1,942.7	1,943.2	1,958.1	2,015.8
Michigan	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Minnesota	(3)	802.3	881.1	958.8	956.6	984.5	1,001.7	1,028.0	1,080.6
Mississippi	268.1	311.6	354.0	404.0	408.7	425.7	443.7	460.2	486.6
Missouri	1,058.7	1,190.1	1,292.1	1,350.1	1,332.5	1,357.2	1,383.5	1,418.3	1,478.3
Montana	115.3	147.2	160.2	165.0	165.2	169.7	172.6	174.2	179.2
Nebraska	287.4	322.3	358.2	384.4	390.5	396.4	401.9	408.9	418.7
Nevada	48.3	53.8	84.5	103.4	109.6	126.9	142.8	149.3	157.4
New Hampshire	149.0	170.3	183.5	200.7	201.9	207.9	208.8	212.8	220.8
New Jersey	1,572.9	1,657.1	1,865.3	2,017.1	2,033.6	2,095.8	2,129.4	2,168.7	2,259.0
New Mexico	105.9	151.6	182.9	236.3	236.2	242.6	248.6	255.7	262.5
New York	5,061.3	5,576.0	5,917.1	6,181.9	6,157.7	6,261.3	6,273.7	6,370.7	6,518.7
North Carolina	759.2	927.8	1,059.4	1,195.5	1,209.1	1,258.5	1,298.6	1,353.7	1,431.2
North Dakota	81.1	109.2	116.3	126.8	127.0	131.3	136.7	142.6	146.1
Ohio	2,417.9	2,760.0	3,128.9	3,147.3	3,044.3	3,099.2	3,145.2	3,216.3	3,364.3
Oklahoma	424.0	476.9	550.9	577.1	582.1	596.7	606.7	619.3	642.5
Oregon	384.8	437.9	476.0	509.7	509.9	529.0	549.5	573.9	608.4
Pennsylvania	3,335.3	3,644.4	3,749.6	3,715.4	3,634.1	3,694.9	3,694.8	3,777.1	3,917.5
Rhode Island	279.1	298.6	295.0	291.7	291.6	298.3	298.1	303.9	316.7
South Carolina	396.0	461.4	533.0	582.5	587.0	609.8	630.6	651.4	686.0
South Dakota	94.9	120.0	129.7	142.7	148.0	153.9	152.6	152.2	155.5
Tennessee	682.0	759.3	867.6	925.4	934.0	969.4	1,002.5	1,045.5	1,108.5
Texas	1,579.2	1,921.4	2,291.2	2,539.5	2,549.5	2,631.2	2,706.5	2,808.0	2,932.4
Utah	168.8	189.1	223.9	263.1	272.1	286.1	293.7	293.2	299.8
Vermont	90.6	96.9	102.1	107.9	107.3	110.5	111.5	113.7	121.3
Virginia[4]	728.3	805.4	912.0	1,017.6	1,034.8	1,081.8	1,123.8	1,163.0	1,218.9
Washington	706.5	683.8	768.0	812.7	818.5	856.8	850.6	854.7	896.4
West Virginia	460.9	524.3	480.5	460.0	448.1	447.5	449.9	460.9	476.6
Wisconsin	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Wyoming	64.9	80.2	85.4	96.5	96.3	95.5	96.2	97.2	96.6

See footnotes at end of table.

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Table 82. Employees on nonagricultural payrolls by State, selected years, 1945-83—Continued

(In thousands)

State	1966	1967	1968	1969	1970	1971	1972	1973	1974
Alabama	935.6	951.8	970.1	1,000.2	1,010.5	1,021.9	1,072.3	1,135.5	1,169.8
Alaska	73.1	76.9	79.9	86.8	93.1	97.8	103.3	110.0	127.9
Arizona	434.8	445.6	473.4	517.2	547.4	581.4	646.3	714.5	746.0
Arkansas	489.8	501.0	514.6	533.8	536.2	551.0	581.5	614.5	640.7
California	6,145.2	6,367.6	6,642.1	6,931.5	6,946.2	6,917.0	7,209.9	7,621.9	7,834.3
Colorado	631.2	655.8	686.6	720.7	750.2	787.0	869.4	936.0	959.7
Connecticut	1,095.4	1,130.1	1,158.0	1,194.1	1,197.5	1,164.3	1,190.4	1,238.7	1,264.0
Delaware	193.2	197.4	202.9	211.9	216.8	224.9	232.4	239.4	233.1
District of Columbia[2]	587.0	594.7	582.8	575.0	566.7	566.6	572.0	573.7	580.1
Florida	1,726.8	1,816.4	1,932.3	2,069.9	2,152.1	2,276.4	2,513.1	2,778.6	2,863.8
Georgia	1,337.9	1,394.7	1,455.6	1,531.7	1,557.5	1,602.9	1,695.2	1,802.5	1,827.5
Hawaii	232.1	241.7	255.3	275.9	293.7	301.5	312.7	327.5	335.9
Idaho	184.8	187.7	192.9	201.4	207.8	217.1	236.5	251.7	266.8
Illinois	4,095.3	4,209.7	4,284.9	4,376.1	4,345.6	4,296.4	4,314.8	4,466.9	4,545.7
Indiana	1,737.2	1,777.0	1,817.4	1,880.3	1,849.0	1,841.1	1,921.9	2,028.1	2,031.4
Iowa	803.8	832.8	852.1	873.4	876.9	882.7	912.3	961.3	999.0
Kansas	634.3	652.8	672.1	686.4	678.8	677.8	717.5	763.3	790.0
Kentucky	803.8	836.5	868.6	895.2	910.1	931.8	988.3	1,038.6	1,065.9
Louisiana	957.9	997.3	1,020.5	1,032.9	1,033.6	1,055.9	1,128.6	1,176.1	1,220.8
Maine	309.2	316.9	323.2	330.0	332.2	332.3	343.7	354.8	361.5
Maryland[4]	1,132.0	1,178.6	1,223.9	1,272.4	1,349.2	1,371.5	1,415.0	1,471.5	1,493.6
Massachusetts	2,097.4	2,147.9	2,187.9	2,249.4	2,243.5	2,211.4	2,251.7	2,333.5	2,353.7
Michigan	([3])	([3])	([3])	([3])	([3])	([3])	3,118.9	3,284.3	3,277.6
Minnesota	1,148.3	1,199.8	1,243.5	1,299.8	1,315.3	1,310.2	1,357.1	1,436.1	1,481.0
Mississippi	521.6	535.1	551.9	573.0	583.9	602.2	649.3	693.2	710.8
Missouri	1,554.1	1,595.5	1,631.3	1,672.1	1,668.0	1,660.8	1,700.1	1,770.6	1,789.5
Montana	184.6	188.0	192.5	195.5	199.1	204.8	215.3	224.5	234.0
Nebraska	434.1	449.3	458.8	474.4	484.3	490.8	517.0	541.3	562.1
Nevada	162.0	166.1	177.3	193.5	203.3	210.5	223.4	244.6	256.1
New Hampshire	235.2	244.0	251.8	259.2	258.5	259.9	278.5	297.8	300.3
New Jersey	2,359.1	2,421.5	2,485.2	2,569.6	2,606.2	2,607.6	2,672.5	2,759.7	2,783.0
New Mexico	271.7	272.6	276.6	287.5	292.6	305.7	327.5	346.0	360.2
New York	6,709.5	6,858.3	7,001.7	7,182.0	7,156.4	7,011.4	7,038.5	7,132.2	7,078.0
North Carolina	1,534.2	1,600.9	1,678.5	1,747.0	1,782.7	1,813.8	1,911.9	2,018.1	2,048.2
North Dakota	148.3	151.5	155.6	157.8	163.6	167.0	176.1	183.9	193.8
Ohio	3,537.3	3,619.8	3,750.8	3,887.3	3,880.6	3,839.5	3,938.3	4,112.9	4,169.4
Oklahoma	676.0	699.7	720.4	748.3	762.6	774.4	811.9	851.9	886.9
Oregon	640.4	652.1	679.2	708.5	710.5	729.1	774.3	816.2	837.9
Pennsylvania	4,077.1	4,171.3	4,263.5	4,374.9	4,351.6	4,291.3	4,400.0	4,506.5	4,514.6
Rhode Island	330.0	338.3	343.0	346.4	344.1	342.8	358.1	365.9	367.0
South Carolina	734.9	754.4	782.9	819.8	842.0	862.6	920.3	984.0	1,015.8
South Dakota	160.1	163.9	167.8	172.9	175.4	179.0	189.9	199.1	206.6
Tennessee	1,184.4	1,218.8	1,264.0	1,309.8	1,327.6	1,356.8	1,450.1	1,531.1	1,558.2
Texas	3,108.7	3,259.4	3,424.3	3,597.1	3,624.9	3,683.5	3,884.4	4,141.7	4,360.2
Utah	317.4	326.6	335.1	348.2	357.0	369.3	393.0	414.8	434.1
Vermont	130.8	136.3	140.3	145.5	147.9	148.1	153.6	161.3	162.8
Virginia[4]	1,285.3	1,330.2	1,385.1	1,436.4	1,518.9	1,567.2	1,655.2	1,753.4	1,804.3
Washington	988.4	1,045.3	1,099.4	1,120.1	1,079.4	1,064.5	1,100.1	1,152.3	1,198.9
West Virginia	495.1	503.6	508.4	512.3	516.5	520.0	540.5	561.6	572.4
Wisconsin	([3])	([3])	([3])	([3])	([3])	([3])	1,580.8	1,660.5	1,703.4
Wyoming	97.2	99.0	102.9	106.9	108.3	111.0	117.3	126.1	136.5

See footnotes at end of table.

Table 82. Employees on nonagricultural payrolls by State, selected years, 1945-83—Continued

(In thousands)

State	1975	1976	1977	1978	1979	1980	1981	1982	1983
Alabama	1,155.4	1,207.0	1,269.2	1,336.5	1,362.0	1,356.1	1,347.6	1,312.5	1,318.4
Alaska	161.8	171.7	163.3	163.5	166.9	169.4	186.1	200.4	213.0
Arizona	729.1	758.7	809.3	895.4	979.9	1,014.0	1,040.8	1,029.8	1,064.4
Arkansas	623.8	660.0	695.6	732.7	749.4	742.3	740.1	720.1	740.0
California	7,847.2	8,154.2	8,599.7	9,199.8	9,664.6	9,852.4	9,996.2	9,823.8	9,928.0
Colorado	963.5	1,003.4	1,058.1	1,150.0	1,218.0	1,251.1	1,295.2	1,316.6	1,322.4
Connecticut	1,223.4	1,239.7	1,282.3	1,346.1	1,397.7	1,426.8	1,438.7	1,429.8	1,442.3
Delaware	229.9	236.7	238.8	247.8	256.7	259.2	259.2	259.2	266.1
District of Columbia[2]	576.5	575.8	578.7	596.3	612.5	616.1	611.0	597.9	595.7
Florida	2,746.4	2,784.3	2,933.2	3,180.6	3,381.2	3,576.2	3,736.9	3,761.9	3,893.0
Georgia	1,755.7	1,839.1	1,926.4	2,050.1	2,127.5	2,159.4	2,198.6	2,201.5	2,272.2
Hawaii	342.8	349.2	359.4	377.3	394.1	404.7	404.8	399.4	403.1
Idaho	273.0	291.0	307.4	331.3	338.0	330.0	327.8	312.2	316.9
Illinois	4,418.9	4,565.7	4,655.5	4,788.8	4,880.0	4,850.3	4,732.3	4,593.3	4,501.1
Indiana	1,941.7	2,023.8	2,114.0	2,205.5	2,236.3	2,129.5	2,114.4	2,028.0	2,007.4
Iowa	998.7	1,036.9	1,079.2	1,119.2	1,131.7	1,109.9	1,088.6	1,041.9	1,021.5
Kansas	801.2	834.8	871.0	912.5	946.8	944.7	949.7	921.4	915.5
Kentucky	1,057.6	1,103.1	1,148.3	1,209.9	1,245.4	1,210.0	1,196.0	1,160.7	1,154.1
Louisiana	1,249.5	1,314.4	1,364.6	1,463.5	1,517.4	1,578.9	1,630.5	1,607.0	1,564.1
Maine	356.9	375.3	387.8	405.6	415.9	418.3	419.2	415.5	420.9
Maryland[4]	1,479.3	1,498.3	1,545.6	1,625.8	1,691.3	1,711.8	1,715.8	1,675.8	1,699.6
Massachusetts	2,273.1	2,323.5	2,416.0	2,526.3	2,603.5	2,652.2	2,668.3	2,638.0	2,671.2
Michigan	3,136.6	3,283.0	3,442.3	3,609.4	3,637.1	3,442.8	3,364.4	3,193.3	3,186.3
Minnesota	1,474.2	1,520.8	1,597.3	1,689.3	1,767.0	1,770.2	1,761.3	1,706.8	1,714.2
Mississippi	692.3	727.5	765.9	813.7	838.1	829.3	819.1	790.9	788.8
Missouri	1,740.6	1,797.8	1,861.8	1,953.1	2,011.1	1,969.8	1,956.3	1,922.4	1,917.0
Montana	238.1	251.1	264.8	280.4	283.8	280.4	281.8	273.7	269.9
Nebraska	557.8	572.1	593.7	609.9	631.2	627.6	623.2	609.8	608.5
Nevada	263.1	279.8	308.2	350.3	383.7	399.9	411.2	401.1	404.9
New Hampshire	292.8	313.4	337.1	359.6	378.5	385.4	394.6	394.4	408.1
New Jersey	2,699.9	2,753.7	2,836.9	2,961.9	3,027.2	3,060.4	3,098.1	3,090.5	3,148.8
New Mexico	370.2	390.0	415.4	444.3	461.0	465.4	475.5	473.6	478.1
New York	6,829.9	6,789.5	6,857.6	7,044.5	7,179.4	7,207.1	7,287.3	7,254.6	7,285.3
North Carolina	1,979.9	2,082.7	2,170.4	2,277.4	2,373.0	2,380.0	2,391.6	2,347.0	2,402.2
North Dakota	203.6	215.0	221.1	234.0	244.2	245.2	249.4	249.7	249.4
Ohio	4,016.2	4,094.5	4,230.1	4,394.8	4,484.7	4,367.4	4,317.6	4,124.2	4,083.8
Oklahoma	899.7	931.1	971.5	1,035.5	1,087.3	1,137.7	1,201.5	1,216.6	1,169.7
Oregon	837.4	878.5	936.9	1,009.4	1,056.2	1,044.6	1,018.4	961.1	963.9
Pennsylvania	4,435.8	4,512.8	4,565.2	4,716.2	4,806.1	4,753.1	4,728.9	4,580.1	4,518.8
Rhode Island	349.2	366.7	381.7	395.8	400.0	398.3	401.4	390.5	393.2
South Carolina	982.6	1,038.1	1,081.7	1,137.5	1,176.0	1,188.8	1,196.4	1,162.2	1,182.4
South Dakota	209.3	218.6	226.6	236.6	241.4	238.0	236.0	230.2	233.1
Tennessee	1,505.7	1,575.4	1,648.1	1,737.0	1,777.3	1,747.2	1,757.1	1,705.8	1,720.0
Texas	4,462.9	4,683.7	4,906.8	5,271.6	5,601.8	5,851.2	6,179.8	6,263.1	6,174.2
Utah	440.3	462.8	488.7	525.4	548.4	550.8	558.0	560.9	566.3
Vermont	162.1	168.4	178.4	190.6	197.9	200.1	204.3	202.9	205.0
Virginia[4]	1,778.7	1,848.1	1,930.4	2,033.5	2,115.0	2,157.2	2,160.8	2,146.4	2,195.5
Washington	1,225.7	1,283.1	1,367.0	1,485.6	1,581.2	1,608.3	1,612.0	1,568.8	1,579.4
West Virginia	574.7	596.3	611.6	633.1	658.6	645.9	628.5	607.8	581.1
Wisconsin	1,676.8	1,725.9	1,798.9	1,887.0	1,960.2	1,938.1	1,923.2	1,866.7	1,848.9
Wyoming	146.0	156.5	170.5	187.4	200.7	210.2	223.5	217.7	203.4

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[1] Not available until 1960 for Alaska and 1958 for Hawaii.

[2] Beginning in 1956, Federal employment in the Maryland and Virginia sectors of the Washington, D.C., SMSA is excluded from the data for the District of Columbia.

[3] Data based on the *1972 Standard Industrial Classification (SIC) Manual* are not available.

[4] Beginning in 1970, Federal employment in the Maryland and Virginia sectors of the Washington, D.C., SMSA is included in the data for Maryland and Virginia, respectively. For the years 1956-69, data on Federal employment were not available for Maryland, Virginia, or the District of Columbia.

NOTE: All State data have been adjusted to March 1983 benchmarks except Wisconsin.

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Table 83. Employees on manufacturing payrolls by State, selected years, 1945-83

(In thousands)

State	1945	1950	1955	1960	1961	1962	1963	1964	1965
Alabama	225.0	217.5	238.0	238.7	232.8	242.2	249.4	259.2	279.2
Alaska	(1)	(1)	(1)	5.8	5.2	5.5	5.7	5.6	6.3
Arizona	20.1	17.0	32.7	49.3	51.0	55.2	58.0	59.5	64.9
Arkansas	69.5	75.7	85.7	103.0	105.6	114.0	119.4	126.7	135.9
California	860.8	759.7	1,121.1	1,317.2	1,318.0	1,382.5	1,394.3	1,389.4	1,411.2
Colorado	59.2	63.6	71.7	90.6	94.8	96.1	96.4	93.5	92.6
Connecticut	398.2	379.9	423.2	407.2	403.6	418.3	420.8	421.0	436.1
Delaware	47.0	51.8	59.5	58.9	55.4	56.1	59.1	61.9	67.8
District of Columbia	16.7	20.0	19.7	21.0	20.6	20.6	20.6	20.7	21.1
Florida	110.8	102.9	147.6	207.5	211.8	223.1	229.3	237.9	252.6
Georgia	279.1	287.1	335.6	341.6	333.9	350.5	363.8	378.9	403.9
Hawaii	(1)	(1)	(1)	25.7	25.7	25.0	25.0	25.2	24.5
Idaho	17.9	22.4	25.8	28.8	29.9	30.5	30.4	31.8	33.3
Illinois	(2)	1,212.6	1,290.2	1,225.4	1,179.3	1,214.0	1,218.6	1,253.3	1,318.4
Indiana	539.0	580.1	628.6	593.9	568.2	601.8	614.5	630.9	673.6
Iowa	145.3	154.9	171.4	177.1	171.6	174.8	179.0	183.5	192.9
Kansas	117.6	97.2	131.5	118.4	117.2	120.4	117.9	123.1	124.7
Kentucky	132.6	140.5	169.7	173.2	167.4	176.4	184.7	194.0	207.8
Louisiana	164.0	145.0	154.8	144.9	138.7	141.9	148.9	155.4	161.1
Maine	113.2	109.0	108.3	104.5	103.2	104.3	102.8	104.0	108.0
Maryland	271.4	232.9	266.2	259.9	256.7	258.6	260.4	258.2	264.8
Massachusetts	734.0	715.7	700.7	698.0	684.9	687.6	663.5	649.9	668.2
Michigan	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Minnesota	(2)	200.3	216.0	229.2	228.9	239.1	242.1	246.4	261.6
Mississippi	87.7	86.7	104.9	120.2	119.0	128.0	134.5	140.4	153.0
Missouri	372.1	356.5	391.6	395.6	378.5	390.3	396.8	405.7	420.1
Montana	14.4	17.9	20.3	20.3	20.3	21.9	22.3	21.4	22.1
Nebraska	58.3	51.8	61.2	66.5	66.3	67.6	66.2	67.2	68.7
Nevada	3.2	3.5	6.0	5.4	5.7	6.0	6.8	6.9	7.1
New Hampshire	74.5	79.1	83.1	87.0	85.9	88.6	85.9	85.6	89.8
New Jersey	814.5	756.4	811.1	808.8	791.5	812.8	809.4	806.7	837.5
New Mexico	6.4	10.3	12.5	17.1	16.6	17.6	17.2	17.9	17.6
New York	1,989.8	1,915.8	2,006.8	1,878.7	1,823.0	1,837.9	1,804.1	1,794.8	1,838.1
North Carolina	370.9	414.4	456.1	504.5	504.3	525.6	537.0	557.1	590.6
North Dakota	5.7	6.1	6.6	6.5	6.3	7.0	7.8	8.4	8.7
Ohio	1,218.2	1,220.0	1,370.6	1,264.8	1,183.2	1,218.2	1,236.6	1,259.1	1,326.0
Oklahoma	89.2	65.6	88.5	86.6	86.5	90.4	90.9	96.6	103.0
Oregon	152.4	138.0	146.2	144.4	139.1	143.4	145.1	151.7	158.2
Pennsylvania	1,485.4	1,485.5	1,515.0	1,444.5	1,383.0	1,403.9	1,401.0	1,434.8	1,494.1
Rhode Island	142.3	148.0	131.7	119.7	116.8	118.9	115.5	116.0	121.3
South Carolina	175.0	210.2	231.2	244.6	246.5	260.1	269.6	277.7	293.0
South Dakota	10.2	11.6	11.9	13.0	13.7	14.0	14.8	13.3	13.5
Tennessee	256.6	249.2	295.9	315.0	313.1	331.6	344.7	361.5	386.6
Texas	369.3	363.6	461.1	487.7	484.4	502.1	516.5	540.5	572.1
Utah	24.2	29.7	35.6	47.5	50.5	54.3	55.5	52.5	50.0
Vermont	41.2	36.9	37.1	35.3	33.8	35.6	34.9	34.7	38.6
Virginia	225.3	229.5	254.9	275.0	276.0	292.4	297.5	308.6	322.5
Washington	236.1	178.6	207.5	216.6	217.5	232.6	224.0	219.3	227.0
West Virginia	134.4	131.4	130.5	124.6	120.1	122.6	124.2	126.2	129.2
Wisconsin	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Wyoming	5.8	6.4	6.9	8.4	8.4	7.5	7.2	7.7	7.1

See footnotes at end of table.

Table 83. Employees on manufacturing payrolls by State, selected years, 1945-83—Continued

(In thousands)

State	1966	1967	1968	1969	1970	1971	1972	1973	1974
Alabama	296.9	300.6	310.0	327.3	327.2	322.7	333.4	350.9	353.7
Alaska	6.6	6.6	6.9	7.3	8.6	7.8	8.1	9.5	9.9
Arizona	77.7	79.1	84.9	94.2	91.2	89.2	98.7	110.2	112.9
Arkansas	149.7	153.4	159.0	169.1	168.6	172.5	185.2	200.4	203.9
California	1,531.3	1,594.0	1,639.7	1,661.3	1,558.0	1,473.2	1,536.0	1,653.5	1,694.1
Colorado	102.7	106.1	110.5	118.3	120.8	123.5	131.5	143.3	146.6
Connecticut	471.4	479.5	474.3	471.7	441.9	399.0	400.1	420.2	430.9
Delaware	71.0	71.7	72.9	73.6	71.1	68.8	69.4	73.7	70.8
District of Columbia	21.7	22.0	21.4	20.8	19.3	18.5	17.8	17.4	17.0
Florida	276.1	293.8	311.4	329.2	322.5	322.7	351.3	380.6	375.9
Georgia	431.5	438.9	452.9	477.6	467.1	461.7	476.6	494.5	483.7
Hawaii	24.2	24.7	23.8	25.2	25.6	25.2	24.9	23.8	22.7
Idaho	35.6	35.3	37.9	39.9	40.3	41.2	43.6	46.9	48.0
Illinois	1,410.5	1,409.6	1,404.0	1,417.4	1,358.6	1,282.4	1,284.2	1,353.5	1,345.1
Indiana	719.7	716.0	722.9	752.3	710.2	683.4	709.4	758.2	737.2
Iowa	212.1	219.3	223.1	225.4	216.0	209.8	222.9	241.3	249.9
Kansas	142.3	149.3	151.0	150.6	137.2	132.5	145.7	164.5	169.2
Kentucky	228.6	234.2	242.9	250.4	255.2	253.3	268.3	288.3	290.9
Louisiana	168.3	176.7	181.9	184.6	179.0	177.7	183.2	190.5	192.5
Maine	115.0	116.3	116.0	115.7	110.4	102.7	102.4	104.5	105.1
Maryland	279.8	283.3	280.6	281.7	271.4	252.4	248.8	257.0	254.5
Massachusetts	699.1	700.8	689.5	681.5	648.2	605.7	610.2	634.7	639.3
Michigan	(4)	(4)	(4)	(4)	(4)	(4)	1,097.4	1,178.8	1,114.0
Minnesota	287.4	302.2	314.7	331.4	318.7	298.8	310.2	331.2	340.7
Mississippi	166.6	167.4	175.5	182.5	182.1	189.5	207.7	221.0	220.0
Missouri	448.7	457.4	462.7	465.7	449.4	430.3	441.5	459.7	451.6
Montana	22.9	22.4	23.2	24.1	23.9	23.9	24.5	24.8	24.5
Nebraska	74.7	79.7	82.8	86.2	84.5	82.6	85.0	90.5	93.4
Nevada	7.1	6.8	7.1	8.2	8.6	8.8	9.8	11.8	12.3
New Hampshire	96.0	97.6	99.7	97.9	91.6	86.3	90.8	96.0	94.2
New Jersey	879.3	882.8	885.3	892.5	860.7	818.3	823.3	842.6	825.9
New Mexico	18.6	18.3	18.5	20.7	21.4	22.6	26.1	28.9	29.6
New York	1,894.5	1,885.7	1,879.0	1,870.8	1,760.6	1,633.5	1,602.2	1,619.1	1,574.6
North Carolina	638.1	657.5	686.1	714.0	713.0	716.2	756.8	796.9	789.6
North Dakota	8.9	8.6	8.9	9.0	9.9	10.2	10.8	12.6	14.7
Ohio	1,404.4	1,401.4	1,433.5	1,471.0	1,409.9	1,333.8	1,346.8	1,426.3	1,416.6
Oklahoma	113.3	116.4	121.7	129.9	134.1	132.7	141.1	151.9	156.7
Oregon	167.2	165.4	173.7	180.5	172.3	174.3	184.0	196.9	196.8
Pennsylvania	1,565.3	1,562.4	1,570.0	1,586.9	1,528.8	1,438.1	1,444.0	1,480.1	1,464.5
Rhode Island	127.6	127.4	127.4	127.9	120.9	115.2	121.0	125.6	126.0
South Carolina	313.7	319.0	327.3	341.5	340.3	337.2	354.3	374.9	375.9
South Dakota	14.3	15.4	15.9	15.9	15.8	16.5	18.4	19.8	20.9
Tennessee	424.2	434.8	454.3	469.0	463.8	459.5	489.2	519.4	513.3
Texas	622.1	661.9	709.4	750.2	734.3	710.5	738.7	790.2	831.3
Utah	51.2	50.9	51.9	54.8	56.0	56.5	60.5	65.1	70.4
Vermont	43.4	44.2	43.7	43.4	40.5	37.9	38.5	41.6	42.8
Virginia	340.0	346.0	362.7	371.0	366.0	366.2	387.8	401.8	401.9
Washington	265.2	277.1	286.9	278.5	239.5	214.7	224.1	244.2	253.6
West Virginia	133.0	133.2	132.4	131.0	126.5	122.9	123.3	129.0	132.1
Wisconsin	(4)	(4)	(4)	(4)	(4)	(4)	495.4	531.7	546.1
Wyoming	6.8	7.1	6.8	7.4	7.4	7.5	7.9	8.4	8.4

See footnotes at end of table.

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Table 83. Employees on manufacturing payrolls by State, selected years, 1945-83—Continued

(In thousands)

State	1975	1976	1977	1978	1979	1980	1981	1982	1983
Alabama	321.9	340.2	354.3	368.9	374.9	363.1	362.0	337.8	338.3
Alaska	9.6	10.3	10.9	11.6	12.7	13.4	14.0	12.6	12.2
Arizona	99.8	105.6	113.9	126.9	144.1	154.4	160.6	154.5	155.7
Arkansas	179.2	195.1	209.3	217.5	217.8	209.1	209.7	195.2	199.6
California	1,586.9	1,650.9	1,728.3	1,875.2	2,002.7	2,007.8	2,022.7	1,945.4	1,927.2
Colorado	137.2	144.5	152.8	168.2	180.6	180.4	186.2	183.3	180.0
Connecticut	389.8	397.0	406.7	419.6	436.3	440.8	439.0	418.8	401.7
Delaware	65.7	68.2	67.6	69.0	70.2	70.9	71.0	67.9	67.8
District of Columbia	15.5	15.3	14.8	15.0	15.3	15.4	14.5	13.7	14.3
Florida	339.4	354.0	380.9	415.5	443.6	456.4	472.2	456.7	464.2
Georgia	439.3	476.3	494.1	515.8	528.5	519.2	524.6	500.3	508.7
Hawaii	23.7	23.4	23.2	23.7	24.0	24.0	23.0	22.4	22.2
Idaho	47.8	52.0	54.1	58.1	58.3	53.3	52.7	47.8	50.7
Illinois	1,199.8	1,215.2	1,241.3	1,276.0	1,271.6	1,208.2	1,131.4	1,013.4	951.1
Indiana	647.2	685.1	713.2	741.5	733.2	657.0	652.6	589.0	576.6
Iowa	230.4	234.0	245.6	252.5	259.8	244.8	236.5	209.8	199.9
Kansas	164.2	166.6	172.9	185.9	198.9	190.5	188.6	168.8	164.9
Kentucky	259.7	273.3	284.9	292.2	297.2	276.2	270.2	244.8	240.9
Louisiana	186.2	195.4	203.3	209.5	213.6	214.2	222.1	202.6	179.8
Maine	96.3	102.5	105.9	111.3	114.6	113.2	113.5	108.6	108.4
Maryland	230.0	232.4	235.1	241.5	246.9	238.7	231.7	215.3	211.6
Massachusetts	577.8	593.6	621.0	652.1	672.1	674.9	669.4	640.1	624.3
Michigan	983.7	1,061.7	1,128.4	1,179.6	1,160.2	998.9	979.0	876.9	880.8
Minnesota	312.9	321.6	339.3	360.4	381.6	371.2	364.0	346.6	345.0
Mississippi	201.8	218.9	230.1	235.3	235.2	221.8	220.3	203.2	203.4
Missouri	405.3	424.9	439.6	456.8	464.4	437.0	427.5	406.8	399.5
Montana	22.1	23.7	25.1	26.3	27.0	24.2	23.2	20.6	20.9
Nebraska	85.4	87.9	90.6	94.1	99.6	96.4	94.9	87.9	85.0
Nevada	12.2	13.0	15.1	17.8	19.4	19.2	20.1	18.8	19.0
New Hampshire	85.1	94.5	101.4	109.8	116.5	116.6	116.6	111.7	113.1
New Jersey	747.9	756.2	767.3	786.8	799.2	781.0	770.7	727.6	712.1
New Mexico	28.6	30.3	32.2	33.4	34.8	34.4	34.3	34.1	34.4
New York	1,421.9	1,438.9	1,459.6	1,481.2	1,492.8	1,445.1	1,433.3	1,352.5	1,299.3
North Carolina	715.5	756.3	780.9	807.2	826.8	820.0	820.7	782.2	788.8
North Dakota	16.2	16.2	15.3	15.7	16.7	15.6	15.3	14.9	14.8
Ohio	1,267.5	1,295.3	1,344.1	1,377.2	1,382.3	1,264.3	1,232.6	1,099.9	1,066.9
Oklahoma	150.7	156.1	163.0	172.4	184.1	191.3	200.2	180.8	166.1
Oregon	182.1	193.7	206.1	219.1	228.5	215.1	202.7	185.7	187.0
Pennsylvania	1,334.8	1,335.2	1,341.9	1,367.8	1,386.8	1,328.2	1,299.0	1,170.5	1,094.8
Rhode Island	112.7	122.9	128.8	134.4	132.6	128.2	127.7	116.6	115.3
South Carolina	339.9	371.0	380.2	391.1	399.5	391.9	390.2	364.5	362.0
South Dakota	19.8	22.2	23.4	24.9	27.5	26.1	25.9	24.8	25.7
Tennessee	459.0	486.1	507.5	526.0	524.7	502.7	506.6	469.5	470.0
Texas	815.9	862.3	893.5	962.8	1,021.9	1,056.9	1,115.3	1,045.2	961.3
Utah	67.5	70.7	74.5	80.3	86.8	87.7	89.6	85.7	85.3
Vermont	39.5	41.0	43.4	47.7	50.8	50.9	51.3	48.6	47.4
Virginia	371.5	387.7	400.8	409.4	413.8	413.8	414.0	397.2	400.3
Washington	244.0	247.4	260.0	284.7	309.6	308.7	305.2	289.0	276.8
West Virginia	121.1	124.4	123.8	126.6	126.1	117.2	111.5	98.1	89.8
Wisconsin	507.0	519.4	540.4	569.7	591.3	558.0	543.5	498.2	483.2
Wyoming	8.3	8.4	9.0	9.6	10.1	9.6	9.9	9.1	8.2

[1] Not available until 1960 for Alaska and 1958 for Hawaii.

[2] Data based on the *1972 Standard Industrial Classification (SIC) Manual* are not available.

NOTE: All State data have been adjusted to March 1983 benchmarks except Wisconsin.

Table 84. Employees on government payrolls by State, selected years, 1945-83

(In thousands)

State	1945	1950	1955	1960	1961	1962	1963	1964	1965
Alabama	101.5	98.2	130.0	159.8	165.9	167.8	170.0	173.3	179.1
Alaska	(1)	(1)	(1)	22.5	23.8	25.0	27.1	28.1	29.7
Arizona	32.9	34.6	45.0	68.0	72.6	77.7	81.6	85.3	92.2
Arkansas	55.1	51.5	57.9	70.2	72.9	76.1	74.6	76.5	84.9
California	533.7	533.3	661.2	874.0	920.3	962.8	1,001.6	1,043.5	1,105.4
Colorado	59.5	67.4	86.2	111.1	118.3	123.5	128.6	132.0	137.7
Connecticut	55.1	66.1	79.8	93.7	96.4	98.7	103.3	109.0	115.9
Delaware	9.8	10.6	14.8	18.7	19.4	20.9	22.6	23.9	25.0
District of Columbia[2]	270.2	246.8	251.7	228.7	232.9	240.8	249.5	251.3	262.7
Florida	125.5	119.2	157.4	220.5	232.3	247.4	262.5	278.7	301.2
Georgia	131.7	120.6	149.6	186.1	191.9	197.2	204.0	210.8	222.8
Hawaii	(1)	(1)	(1)	49.5	50.4	51.2	52.9	54.4	57.8
Idaho	25.2	24.9	26.4	32.7	34.4	36.4	37.8	38.1	39.6
Illinois	(3)	314.3	365.1	416.9	433.8	447.0	459.3	475.0	502.4
Indiana	126.7	138.0	157.6	188.5	194.0	201.3	209.7	219.2	232.2
Iowa	86.9	100.5	103.4	117.2	122.3	125.4	129.5	133.1	138.8
Kansas	84.4	79.9	95.0	114.1	116.4	118.9	120.6	126.2	130.2
Kentucky	70.6	79.9	100.1	110.1	114.6	120.2	125.2	128.4	135.2
Louisiana	97.4	102.0	122.8	145.2	150.3	154.4	158.3	163.4	171.7
Maine	48.4	37.2	41.9	48.2	49.5	50.3	51.5	52.9	54.3
Maryland[4]	86.6	97.2	123.6	142.8	151.2	159.4	166.0	174.1	183.8
Massachusetts	212.4	208.1	221.3	248.0	255.5	261.7	267.5	272.7	278.5
Michigan	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Minnesota	(3)	115.3	128.4	149.5	153.7	162.2	171.8	179.3	189.9
Mississippi	60.0	64.3	70.9	87.5	90.8	94.2	97.2	99.5	105.2
Missouri	141.4	151.4	168.6	190.3	192.7	198.0	202.9	210.6	225.4
Montana	25.3	28.3	30.9	38.5	40.0	41.1	43.0	44.7	45.9
Nebraska	67.7	63.3	74.2	80.8	83.6	85.4	87.7	89.1	92.5
Nevada	11.4	10.8	13.6	18.8	20.2	22.0	24.2	26.4	28.6
New Hampshire	20.5	21.9	19.6	25.6	26.4	27.0	28.0	29.0	30.1
New Jersey	181.7	171.0	206.4	242.1	253.6	262.8	272.1	280.0	295.4
New Mexico	28.5	33.5	46.4	63.5	65.3	67.7	70.3	71.8	75.4
New York	661.3	651.7	735.3	837.7	850.3	875.7	897.2	924.1	958.6
North Carolina	104.2	111.6	137.3	164.2	171.0	178.8	185.6	192.7	201.6
North Dakota	20.8	24.5	26.4	31.5	32.3	33.9	36.4	38.8	40.3
Ohio	280.1	294.8	344.1	399.2	412.5	424.2	431.7	440.3	458.6
Oklahoma	93.0	91.7	116.8	124.7	127.0	131.0	134.9	136.9	145.8
Oregon	51.0	63.8	74.9	95.3	100.2	103.4	107.9	111.3	118.2
Pennsylvania	390.6	338.7	396.1	436.1	451.0	465.1	474.8	488.6	508.4
Rhode Island	39.6	31.9	36.8	40.1	41.2	41.9	42.4	43.4	46.1
South Carolina	81.7	64.2	82.4	96.2	98.3	99.5	103.1	106.8	111.1
South Dakota	27.3	28.4	31.8	38.9	40.2	42.2	43.0	44.4	46.6
Tennessee	93.0	111.2	128.1	146.3	151.9	157.4	163.5	173.3	185.1
Texas	285.7	290.2	357.7	431.0	444.5	461.2	480.7	500.0	525.6
Utah	53.2	44.1	53.7	62.3	65.1	68.6	71.6	73.7	79.4
Vermont	13.3	13.7	15.0	17.3	17.8	18.2	18.9	19.5	20.3
Virginia[4]	166.4	142.8	171.0	191.1	199.6	207.7	215.7	221.2	232.2
Washington	157.3	133.7	155.6	166.6	170.1	175.4	179.9	184.6	193.1
West Virginia	52.8	59.5	61.3	67.5	71.5	71.4	72.1	75.3	81.7
Wisconsin	108.6	120.3	131.0	163.2	170.4	174.6	181.7	190.4	201.0
Wyoming	13.0	15.7	18.1	21.3	22.5	22.8	23.8	24.6	25.6

See footnotes at end of table.

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Table 84. Employees on government payrolls by State, selected years, 1945-83—Continued

(In thousands)

State	1966	1967	1968	1969	1970	1971	1972	1973	1974
Alabama	191.6	197.7	201.4	204.7	209.5	213.6	220.9	225.7	235.1
Alaska	30.8	31.8	32.2	33.3	35.6	37.9	40.5	41.5	43.8
Arizona	98.9	104.7	110.0	113.4	119.5	129.5	139.2	147.6	161.0
Arkansas	91.6	93.4	97.0	100.9	102.7	104.9	108.5	110.1	115.6
California	1,196.7	1,274.3	1,335.8	1,391.7	1,424.7	1,446.3	1,492.7	1,524.8	1,586.0
Colorado	148.2	157.7	162.4	166.9	177.2	184.7	190.8	197.2	204.0
Connecticut	122.5	131.5	140.0	150.9	157.9	160.9	165.2	167.7	171.0
Delaware	26.3	27.9	29.3	31.9	35.0	36.8	39.0	39.2	39.1
District of Columbia[2]	274.6	278.0	264.6	254.4	249.7	256.7	260.2	259.6	265.3
Florida	326.2	342.3	361.8	377.9	397.8	419.1	437.9	469.9	510.5
Georgia	243.9	263.0	275.3	286.1	297.5	309.6	320.9	328.2	340.5
Hawaii	62.6	66.3	69.1	71.1	73.7	78.2	79.4	78.0	78.8
Idaho	41.9	44.3	45.2	46.8	49.1	51.3	54.5	56.2	59.7
Illinois	536.5	572.0	593.4	615.6	638.9	648.6	654.3	666.5	680.9
Indiana	254.1	271.4	285.3	280.9	286.4	296.3	301.4	303.8	308.0
Iowa	148.8	157.1	163.8	171.7	176.0	178.3	180.2	182.8	186.7
Kansas	137.0	143.2	146.0	149.6	153.3	155.1	162.8	166.5	164.0
Kentucky	145.2	155.5	163.3	166.1	172.6	180.5	188.5	194.3	198.5
Louisiana	185.4	197.4	201.8	208.2	213.2	216.0	227.9	233.2	241.6
Maine	57.4	59.5	61.6	64.3	66.4	68.7	69.4	70.7	72.9
Maryland[4]	201.9	218.2	232.3	243.2	301.0	314.9	327.0	338.1	349.1
Massachusetts	286.2	297.1	302.5	310.7	319.9	330.6	343.1	351.6	354.3
Michigan	(3)	(3)	(3)	(3)	(3)	(3)	526.8	534.4	562.5
Minnesota	201.6	214.1	215.4	224.1	234.9	239.7	246.2	256.6	263.8
Mississippi	114.3	120.6	125.1	128.0	131.2	133.7	139.4	145.0	150.4
Missouri	244.7	260.3	269.1	276.1	284.1	292.9	297.5	306.9	312.9
Montana	48.1	51.8	53.3	52.1	52.6	54.3	55.4	55.4	58.2
Nebraska	93.3	97.6	97.4	100.9	104.7	109.1	114.3	116.9	121.4
Nevada	30.3	32.3	34.1	35.8	36.9	38.1	39.7	41.4	43.0
New Hampshire	31.4	33.4	34.4	35.5	37.3	38.8	41.2	43.4	45.6
New Jersey	312.0	329.2	344.4	360.1	374.8	388.0	405.3	417.1	439.9
New Mexico	81.0	83.4	85.0	86.3	89.2	92.3	96.0	99.5	102.5
New York	1,012.4	1,073.1	1,123.8	1,176.0	1,218.1	1,239.8	1,243.9	1,268.6	1,301.9
North Carolina	217.4	231.6	244.4	254.3	264.2	268.4	275.3	281.8	303.2
North Dakota	42.1	44.4	47.2	48.4	49.3	49.3	51.3	52.2	53.3
Ohio	483.0	509.5	528.3	544.8	565.5	577.2	589.1	597.8	613.1
Oklahoma	158.8	168.2	171.9	175.5	176.7	179.0	184.9	192.2	199.0
Oregon	125.3	132.4	136.1	140.8	146.7	152.0	157.5	160.3	168.5
Pennsylvania	536.1	567.2	588.1	609.4	618.7	629.2	651.9	658.7	682.0
Rhode Island	48.7	51.2	52.3	52.8	53.6	55.9	56.8	55.5	55.1
South Carolina	121.0	128.4	134.0	140.8	149.9	156.7	165.6	170.7	182.2
South Dakota	48.2	49.3	50.3	53.0	53.1	52.6	53.7	53.8	54.9
Tennessee	195.3	201.8	208.2	214.2	225.9	231.9	240.6	246.2	256.4
Texas	567.1	607.1	630.1	651.4	662.3	684.2	714.8	745.3	776.0
Utah	90.7	98.0	98.8	99.6	100.1	103.2	105.5	105.7	108.2
Vermont	21.2	22.3	23.4	24.4	26.2	27.2	28.2	28.7	29.3
Virginia[4]	251.2	270.5	283.6	292.4	355.1	371.9	380.0	391.2	405.9
Washington	206.2	218.5	230.1	237.4	244.5	252.4	258.7	259.0	269.3
West Virginia	88.5	92.1	94.9	95.0	95.9	98.0	99.4	104.2	106.4
Wisconsin	215.2	230.3	244.6	255.3	265.5	270.2	275.8	276.3	276.9
Wyoming	26.9	28.4	28.1	28.1	28.4	29.4	30.5	31.3	32.4

See footnotes at end of table.

Table 84. Employees on government payrolls by State, selected years, 1945-83—Continued

(In thousands)

State	1975	1976	1977	1978	1979	1980	1981	1982	1983
Alabama	247.5	252.9	266.3	285.9	291.6	297.4	291.3	290.1	289.2
Alaska	47.7	48.2	50.1	51.6	54.4	55.0	57.1	59.6	62.3
Arizona	169.7	177.3	181.9	194.8	196.2	201.8	199.5	199.9	202.1
Arkansas	120.9	125.3	128.6	135.9	139.1	141.1	138.1	136.0	137.6
California	1,670.6	1,695.6	1,740.7	1,753.1	1,735.0	1,763.9	1,756.4	1,735.2	1,725.1
Colorado	216.6	219.5	221.1	234.0	238.8	243.6	241.7	238.6	241.9
Connecticut	178.7	175.1	175.6	179.2	181.3	185.2	182.4	179.6	182.4
Delaware	40.3	40.6	41.4	42.8	44.4	45.2	44.5	43.8	43.5
District of Columbia[2]	269.7	275.9	275.6	281.6	284.5	282.2	273.2	260.8	260.2
Florida	546.0	542.8	565.7	601.8	600.5	618.8	620.1	632.5	632.9
Georgia	354.8	366.1	384.0	407.9	418.7	429.2	431.1	434.0	437.0
Hawaii	82.0	84.8	85.7	87.1	86.5	89.0	89.0	90.3	91.0
Idaho	62.3	64.5	67.3	69.8	69.6	70.5	69.2	67.8	68.1
Illinois	714.5	717.2	717.8	728.0	739.8	749.4	734.5	717.9	699.9
Indiana	323.3	332.5	342.0	349.1	347.6	346.6	339.7	328.7	329.2
Iowa	192.0	197.0	202.5	208.2	204.5	207.4	203.1	202.0	204.3
Kansas	168.7	171.6	176.9	180.0	183.3	187.4	185.9	183.8	185.4
Kentucky	208.3	213.0	212.0	220.3	230.4	230.9	224.3	218.9	219.9
Louisiana	248.7	253.0	257.4	280.3	289.7	300.8	303.8	307.3	316.6
Maine	74.8	75.2	77.7	81.5	82.6	83.3	82.6	82.1	82.6
Maryland[4]	366.1	372.1	378.1	401.9	418.7	434.8	415.9	393.2	389.9
Massachusetts	365.1	375.8	407.9	429.2	416.7	410.3	391.1	370.7	368.8
Michigan	583.1	594.5	596.7	611.4	621.0	627.8	598.4	577.8	576.0
Minnesota	271.4	276.0	286.3	292.8	295.6	300.6	299.0	289.4	286.8
Mississippi	153.5	156.2	163.9	181.8	192.2	194.5	185.9	180.0	180.8
Missouri	316.0	316.5	321.5	335.6	338.5	339.2	326.6	328.2	328.2
Montana	64.9	65.7	70.0	71.7	70.1	70.2	69.3	67.4	68.2
Nebraska	124.7	124.3	129.2	130.3	130.6	130.8	129.7	129.3	132.4
Nevada	45.6	46.8	49.2	52.2	54.7	57.0	57.1	58.2	58.0
New Hampshire	48.0	49.9	53.8	54.3	55.1	57.3	56.7	55.9	55.6
New Jersey	470.2	480.5	504.0	523.0	517.8	529.7	529.0	526.0	528.2
New Mexico	104.8	108.0	111.0	116.6	120.5	125.0	125.8	125.6	127.2
New York	1,328.7	1,273.6	1,270.8	1,315.1	1,311.3	1,314.4	1,300.3	1,293.7	1,294.1
North Carolina	328.3	347.9	367.6	386.4	397.2	409.9	403.7	400.3	407.6
North Dakota	54.5	56.2	57.5	60.0	60.6	60.9	60.5	60.3	61.1
Ohio	626.4	632.2	642.3	667.5	674.0	689.9	676.0	659.6	657.5
Oklahoma	206.3	207.0	212.4	218.4	224.0	228.5	235.7	237.2	245.3
Oregon	177.1	181.6	186.8	197.1	200.7	203.2	202.6	195.5	193.0
Pennsylvania	721.4	722.1	710.9	720.7	720.7	723.3	703.4	682.5	672.3
Rhode Island	56.6	57.0	58.2	59.8	59.3	59.2	58.5	57.8	56.8
South Carolina	199.8	203.3	213.7	223.8	228.8	236.4	233.0	228.1	230.4
South Dakota	55.7	55.9	56.6	58.1	58.3	58.6	57.8	56.6	56.9
Tennessee	271.3	283.1	291.2	305.6	313.9	317.2	311.7	297.5	296.9
Texas	815.8	847.0	875.5	923.7	953.2	978.1	1,000.8	1,023.6	1,039.6
Utah	110.3	112.2	115.8	121.0	123.2	125.0	125.1	126.4	128.6
Vermont	30.5	30.9	34.3	35.1	35.8	37.0	36.2	36.0	36.2
Virginia[4]	422.8	436.6	453.6	482.7	493.5	511.2	506.6	500.1	503.1
Washington	280.5	284.8	294.9	308.0	315.5	330.8	326.4	318.5	327.3
West Virginia	108.1	109.6	111.0	120.3	130.1	133.1	130.2	126.8	127.9
Wisconsin	285.4	288.6	287.1	298.2	310.1	321.1	318.0	314.1	313.9
Wyoming	34.5	36.1	38.0	39.1	40.8	43.0	44.5	46.0	48.8

[1] Not available until 1960 for Alaska and 1958 for Hawaii.

[2] Beginning in 1956, Federal employment in the Maryland and Virginia sectors of the Washington, D.C., SMSA is excluded from the data for the District of Columbia.

[3] Data based on the *1972 Standard Industrial Classification (SIC) Manual* are not available.

[4] Beginning in 1970, Federal employment in the Maryland and Virginia sectors of the Washington, D.C., SMSA is included in the data for Maryland and Virginia, respectively. For the years 1956-69, data on Federal employment were not available for Maryland, Virginia, or the District of Columbia.

NOTE: All State data have been adjusted to March 1983 benchmarks except Wisconsin.

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Table 85. Average weekly hours of production workers on manufacturing payrolls by State, 1972-83

State	1972	1973	1974	1975	1976	1977
Alabama	41.0	41.0	40.5	39.5	40.6	40.5
Alaska	40.1	36.6	40.5	36.6	40.5	43.3
Arizona	40.5	39.8	39.2	39.0	39.5	40.1
Arkansas	40.2	39.9	39.2	38.8	39.6	39.7
California	40.1	40.3	39.7	39.4	39.7	40.1
Colorado	(1)	(1)	(1)	(1)	(1)	39.4
Connecticut	41.5	42.1	41.4	40.5	40.8	41.5
Delaware	40.1	40.3	39.4	39.3	40.0	39.6
District of Columbia[2]	39.2	38.9	38.3	38.5	38.6	38.4
Florida	41.2	41.0	40.2	40.0	40.4	40.7
Georgia	41.0	40.5	39.8	39.5	40.1	40.5
Hawaii	39.5	39.9	39.4	39.1	39.0	38.0
Idaho	39.4	38.8	39.0	38.8	38.7	39.3
Illinois	41.0	41.2	40.4	39.7	40.4	40.6
Indiana	41.1	41.5	40.6	39.8	40.6	41.2
Iowa	(1)	(1)	(1)	(1)	39.9	40.1
Kansas	(1)	(1)	(1)	(1)	(1)	(1)
Kentucky	40.4	40.3	39.6	38.7	39.4	39.5
Louisiana	42.3	41.4	40.1	42.8	41.3	41.8
Maine	40.7	40.8	40.3	39.9	39.9	39.8
Maryland	40.2	40.5	39.9	39.1	39.6	39.9
Massachusetts	40.1	40.5	39.9	39.1	39.7	39.9
Michigan	(1)	(1)	(1)	(1)	42.7	43.3
Minnesota	40.7	41.0	39.9	39.2	39.8	40.0
Mississippi	41.1	40.3	39.3	39.3	40.0	40.1
Missouri	39.8	39.8	39.3	39.0	39.8	40.2
Montana	40.3	39.3	38.8	38.0	39.8	41.8
Nebraska	41.7	41.8	41.2	40.5	41.1	40.8
Nevada	40.2	40.0	38.8	38.2	38.9	38.8
New Hampshire	39.8	39.8	39.3	39.1	39.6	40.0
New Jersey	40.9	41.4	40.7	39.9	40.4	41.1
New Mexico	40.1	39.4	38.4	39.0	39.5	38.8
New York	39.6	39.9	39.4	38.9	39.4	39.6
North Carolina	40.7	40.1	39.1	38.4	39.4	39.6
North Dakota	40.2	40.4	40.2	39.9	39.1	38.6
Ohio	41.6	42.3	41.2	40.3	41.4	42.0
Oklahoma	40.5	40.6	40.5	40.0	40.3	40.4
Oregon	39.4	39.3	38.8	38.4	38.9	38.6
Pennsylvania	39.8	40.2	39.6	38.8	39.2	39.5
Rhode Island	39.5	39.3	39.2	38.9	39.5	39.1
South Carolina	41.4	40.5	39.8	39.4	40.4	40.6
South Dakota	43.3	42.6	41.7	40.7	39.9	39.3
Tennessee	40.6	40.4	39.9	39.8	40.3	40.2
Texas	(1)	(1)	(1)	(1)	(1)	41.1
Utah	38.5	38.8	38.7	38.1	39.2	40.0
Vermont	41.5	41.5	41.1	40.4	41.0	40.8
Virginia	40.8	40.6	39.8	39.2	39.9	39.9
Washington	39.6	39.2	38.9	38.7	39.1	39.2
West Virginia	40.0	40.0	39.6	39.0	39.2	39.5
Wisconsin	41.3	41.4	41.1	40.4	40.6	40.6
Wyoming	38.6	38.6	38.0	38.6	40.2	39.8

See footnotes at end of table.

Table 85. Average weekly hours of production workers on manufacturing payrolls by State, 1972-83—Continued

State	1978	1979	1980	1981	1982	1983
Alabama	40.6	40.7	40.1	39.9	38.5	40.7
Alaska	42.4	43.9	42.7	40.0	38.6	36.2
Arizona	40.3	40.6	40.1	39.6	38.9	40.5
Arkansas	39.3	39.6	39.3	39.4	38.6	40.1
California	40.1	39.9	39.5	39.6	39.2	40.0
Colorado	39.3	39.5	39.8	39.8	39.2	39.9
Connecticut	42.0	42.0	41.8	41.6	40.5	41.3
Delaware	40.0	39.5	40.5	40.3	39.2	40.5
District of Columbia[2]	39.1	39.2	39.3	39.2	38.4	38.6
Florida	40.9	40.5	40.8	40.6	39.9	40.7
Georgia	40.1	40.4	40.2	40.1	38.6	41.1
Hawaii	38.6	38.3	37.8	38.5	37.9	38.6
Idaho	38.8	38.3	37.1	37.8	36.7	37.4
Illinois	40.1	40.7	39.8	40.0	39.2	40.6
Indiana	41.2	40.5	39.8	40.1	39.2	41.0
Iowa	40.1	40.5	39.6	39.5	38.7	39.7
Kansas	(1)	40.7	40.4	40.4	39.2	39.1
Kentucky	39.6	39.4	39.1	39.3	38.4	39.2
Louisiana	41.6	41.3	41.2	42.2	41.0	40.0
Maine	40.2	40.1	40.0	40.4	40.0	39.9
Maryland	39.9	40.0	39.6	39.9	39.2	40.0
Massachusetts	40.2	40.1	39.6	40.0	39.2	39.9
Michigan	43.0	41.2	40.1	40.5	40.2	42.5
Minnesota	40.2	40.0	39.4	39.4	39.1	39.7
Mississippi	39.9	39.6	39.3	39.3	38.1	40.1
Missouri	40.0	39.5	39.2	40.3	38.6	39.9
Montana	42.7	42.9	43.2	41.0	39.3	39.7
Nebraska	41.1	41.3	40.6	40.3	39.9	40.3
Nevada	38.5	38.5	38.2	38.6	37.3	38.8
New Hampshire	40.3	40.1	39.8	39.9	39.6	40.2
New Jersey	40.8	41.2	40.7	40.6	39.9	(3)
New Mexico	39.2	39.5	39.8	39.5	39.2	39.6
New York	39.8	39.6	39.4	39.4	38.8	39.3
North Carolina	39.8	39.6	39.3	39.1	37.3	40.0
North Dakota	39.7	39.1	37.5	38.1	37.6	38.0
Ohio	42.1	41.5	40.6	40.9	40.1	41.4
Oklahoma	40.2	40.5	40.1	40.1	39.5	40.5
Oregon	39.0	38.5	38.1	37.5	37.9	38.9
Pennsylvania	40.0	39.9	38.8	39.2	38.4	39.2
Rhode Island	38.9	39.1	39.3	39.3	38.6	39.0
South Carolina	40.8	40.8	40.3	40.4	38.2	40.6
South Dakota	41.7	41.9	40.9	41.6	41.1	41.2
Tennessee	39.6	39.7	39.7	39.9	38.6	40.5
Texas	41.3	41.1	41.2	41.3	40.0	40.9
Utah	39.5	39.0	39.1	39.7	38.5	39.4
Vermont	41.0	40.8	40.6	40.0	39.0	40.0
Virginia	39.8	39.7	39.3	39.7	38.4	39.7
Washington	39.3	38.6	–	–	–	–
West Virginia	39.6	39.6	39.2	39.4	38.8	39.6
Wisconsin	41.0	40.9	40.2	40.1	39.6	40.7
Wyoming	38.6	37.6	38.9	40.0	38.2	36.9

– Data not available.

[1] Data based on the *1972 Standard Industrial Classification (SIC) Manual* are not available.

[2] Data refer to the Washington, D.C., SMSA.

[3] Not available.

NOTE: All State data have been adjusted to March 1983 benchmarks except Wisconsin.

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Table 86. Average hourly earnings of production workers on manufacturing payrolls by State, 1972-83

State	1972	1973	1974	1975	1976	1977
Alabama	$3.25	$3.42	$3.73	$4.10	$4.46	$4.89
Alaska	5.92	5.97	7.10	8.09	7.82	9.12
Arizona	3.85	4.03	4.40	4.85	5.19	5.55
Arkansas	2.79	2.99	3.30	3.69	3.91	4.30
California	4.25	4.44	4.76	5.22	5.59	6.00
Colorado	(1)	(1)	(1)	(1)	(1)	5.80
Connecticut	3.87	4.14	4.42	4.78	5.12	5.56
Delaware	4.04	4.29	4.62	5.02	5.51	5.94
District of Columbia[2]	4.51	4.80	5.20	5.52	5.44	5.50
Florida	3.20	3.45	3.76	4.11	4.36	4.63
Georgia	3.04	3.25	3.50	3.80	4.10	4.46
Hawaii	3.59	3.93	4.24	4.68	5.14	5.51
Idaho	3.69	4.05	4.41	4.77	5.29	5.82
Illinois	4.28	4.57	4.97	5.53	5.85	6.28
Indiana	4.35	4.65	5.04	5.49	6.00	6.60
Iowa	(1)	(1)	(1)	(1)	5.85	6.43
Kansas	(1)	(1)	(1)	(1)	(1)	(1)
Kentucky	3.70	4.00	4.36	4.77	5.15	5.69
Louisiana	3.68	3.98	4.40	4.88	5.33	5.75
Maine	3.03	3.23	3.51	3.81	4.16	4.52
Maryland	3.92	4.22	4.62	5.04	5.52	6.05
Massachusetts	3.65	3.89	4.16	4.48	4.79	5.13
Michigan	(1)	(1)	(1)	(1)	6.81	7.54
Minnesota	4.00	4.22	4.67	5.10	5.53	5.97
Mississippi	2.75	2.95	3.19	3.58	3.83	4.15
Missouri	3.78	4.05	4.39	4.80	5.20	5.75
Montana	4.11	4.53	5.05	5.53	5.93	6.53
Nebraska	3.55	3.75	4.15	4.63	4.93	5.39
Nevada	4.46	4.71	4.89	5.26	5.61	6.10
New Hampshire	3.20	3.39	3.65	3.97	4.26	4.56
New Jersey	3.99	4.26	4.57	4.99	5.33	5.82
New Mexico	2.88	3.08	3.31	3.63	4.07	4.43
New York	3.98	4.20	4.53	4.91	5.27	5.67
North Carolina	2.77	2.99	3.28	3.52	3.79	4.10
North Dakota	3.31	3.55	3.83	4.31	4.75	5.19
Ohio	4.45	4.76	5.13	5.57	6.10	6.74
Oklahoma	3.49	3.69	4.01	4.45	4.83	5.31
Oregon	4.30	4.60	5.01	5.53	6.07	6.67
Pennsylvania	3.88	4.16	4.57	4.98	5.36	5.85
Rhode Island	3.15	3.37	3.62	3.84	4.15	4.39
South Carolina	2.80	3.03	3.32	3.59	3.91	4.28
South Dakota	3.17	3.37	3.77	4.21	4.51	4.84
Tennessee	3.07	3.29	3.62	3.93	4.24	4.68
Texas	(1)	(1)	(1)	(1)	4.98	5.42
Utah	3.62	3.83	4.19	4.61	4.89	5.18
Vermont	3.28	3.50	3.78	4.07	4.40	4.70
Virginia	3.10	3.34	3.65	3.99	4.30	4.69
Washington	4.54	4.83	5.24	5.82	6.36	6.83
West Virginia	3.87	4.14	4.53	4.93	5.42	6.06
Wisconsin	4.15	4.45	4.81	5.26	5.69	6.16
Wyoming	3.45	4.03	4.52	4.92	5.43	5.70

See footnotes at end of table.

Table 86. Average hourly earnings of production workers on manufacturing payrolls by State, 1972-83—Continued

State	1978	1979	1980	1981	1982	1983
Alabama	$5.40	$5.95	$6.49	$7.01	$7.33	$7.58
Alaska	8.86	9.14	10.22	11.42	11.74	12.34
Arizona	6.03	6.62	7.29	8.02	8.73	8.99
Arkansas	4.72	5.19	5.71	6.26	6.69	7.05
California	6.43	7.03	7.70	8.56	9.24	9.52
Colorado	6.21	6.93	7.63	8.28	8.63	8.97
Connecticut	5.96	6.43	7.08	7.67	8.23	8.76
Delaware	6.58	7.04	7.58	8.28	8.64	9.13
District of Columbia[2]	6.72	7.74	8.46	8.88	9.37	9.75
Florida	5.07	5.48	5.98	6.53	7.02	7.33
Georgia	4.88	5.30	5.77	6.37	6.75	7.13
Hawaii	5.90	6.38	6.83	7.53	7.97	8.23
Idaho	6.53	6.92	7.55	8.23	8.62	8.49
Illinois	6.76	7.30	8.02	8.91	9.31	9.70
Indiana	7.17	7.79	8.49	9.37	9.79	10.10
Iowa	7.02	7.75	8.67	9.60	10.01	10.09
Kansas	([1])	6.71	7.37	8.05	8.80	9.28
Kentucky	6.26	6.77	7.34	7.86	8.38	8.79
Louisiana	6.42	6.97	7.74	8.58	9.38	9.79
Maine	4.91	5.42	6.00	6.66	7.22	7.61
Maryland	6.46	7.09	7.61	8.39	8.78	9.02
Massachusetts	5.54	5.98	6.51	7.01	7.58	8.01
Michigan	8.13	8.73	9.52	10.53	11.18	11.62
Minnesota	6.44	6.93	7.61	8.40	9.11	9.56
Mississippi	4.56	4.95	5.44	6.01	6.41	6.70
Missouri	6.21	6.70	7.26	7.90	8.46	8.89
Montana	7.81	8.44	8.78	9.09	9.86	10.42
Nebraska	5.83	6.53	7.38	8.01	8.47	8.75
Nevada	6.54	6.95	7.72	8.42	8.80	9.02
New Hampshire	4.94	5.37	5.87	6.41	6.94	7.38
New Jersey	6.28	6.71	7.31	8.05	8.66	([3])
New Mexico	4.79	5.36	5.79	6.54	7.22	7.62
New York	6.08	6.57	7.18	7.84	8.35	8.84
North Carolina	4.47	4.87	5.37	5.94	6.35	6.68
North Dakota	5.55	5.98	6.56	7.12	7.50	7.74
Ohio	7.29	7.84	8.57	9.53	10.07	10.56
Oklahoma	5.81	6.53	7.36	8.20	8.69	9.21
Oregon	7.23	7.92	8.65	9.47	10.02	10.24
Pennsylvania	6.37	6.97	7.59	8.30	8.63	8.95
Rhode Island	4.71	5.10	5.59	6.10	6.61	6.92
South Carolina	4.66	5.10	5.59	6.18	6.68	7.03
South Dakota	5.19	5.70	6.50	7.12	7.36	7.28
Tennessee	5.13	5.56	6.08	6.72	7.16	7.49
Texas	5.88	6.46	7.15	7.95	8.60	8.88
Utah	5.68	6.29	7.02	7.74	8.40	8.71
Vermont	5.10	5.53	6.14	6.79	7.35	7.66
Virginia	5.11	5.58	6.22	6.84	7.37	7.76
Washington	7.56	8.39	–	–	–	–
West Virginia	6.68	7.41	8.08	8.80	9.40	9.74
Wisconsin	6.69	7.27	8.03	8.80	9.37	9.78
Wyoming	6.18	6.68	7.01	7.89	8.62	8.72

– Data not available.

[1] Data based on the *1972 Standard Industrial Classification (SIC) Manual* are not available.

[2] Data refer to the Washington, D.C., SMSA.

[3] Not available.

NOTE: All State data have been adjusted to March 1983 benchmarks except Wisconsin.

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Table 87. Average weekly earnings of production workers on manufacturing payrolls by State, 1972-83

State	1972	1973	1974	1975	1976	1977
Alabama	$133.25	$140.22	$151.06	$161.95	$181.08	$198.04
Alaska	237.39	239.40	287.55	296.09	316.71	394.90
Arizona	155.92	160.39	172.48	189.15	205.00	222.56
Arkansas	112.16	119.30	129.36	143.17	154.84	170.71
California	170.43	178.93	188.97	205.67	221.92	240.60
Colorado	([1])	([1])	([1])	([1])	([1])	228.52
Connecticut	160.61	174.29	182.99	193.59	208.90	230.74
Delaware	162.00	172.89	182.03	197.29	220.40	235.22
District of Columbia[2]	176.79	186.72	199.16	212.52	209.98	211.20
Florida	131.84	141.45	151.15	164.40	176.14	188.44
Georgia	124.64	131.63	139.30	150.10	164.41	180.63
Hawaii	141.81	156.81	167.06	182.99	200.46	209.38
Idaho	145.39	157.14	171.99	185.08	204.72	228.73
Illinois	175.55	187.85	200.69	219.13	236.11	254.91
Indiana	178.79	192.98	204.62	218.50	243.60	271.92
Iowa	([1])	([1])	([1])	([1])	233.42	257.84
Kansas	([1])	([1])	([1])	([1])	([1])	([1])
Kentucky	149.48	161.20	172.66	184.60	202.91	224.75
Louisiana	155.66	164.77	176.44	208.86	220.13	240.35
Maine	123.32	131.78	141.45	152.02	165.98	179.90
Maryland	157.58	170.91	184.34	197.06	218.59	241.40
Massachusetts	146.37	157.55	165.98	175.17	190.16	204.69
Michigan	([1])	([1])	([1])	([1])	290.97	326.27
Minnesota	162.80	173.02	186.33	199.92	220.09	238.80
Mississippi	113.03	118.89	125.37	140.69	153.20	166.42
Missouri	150.44	161.19	172.53	187.20	206.96	231.15
Montana	165.63	178.03	195.94	210.14	236.01	272.95
Nebraska	148.07	156.78	170.98	187.66	202.57	219.91
Nevada	179.29	188.40	189.73	200.93	218.23	236.68
New Hampshire	127.36	134.92	143.44	155.23	168.70	182.40
New Jersey	163.35	176.41	186.11	199.68	215.71	239.20
New Mexico	115.49	121.35	127.10	141.57	160.77	171.88
New York	157.61	167.58	178.48	191.00	207.64	224.53
North Carolina	112.74	119.90	128.25	135.17	149.33	162.36
North Dakota	133.06	143.42	153.97	171.97	185.73	200.33
Ohio	185.12	201.35	211.36	224.47	252.54	283.08
Oklahoma	141.34	149.81	162.40	178.00	194.65	214.52
Oregon	169.42	180.78	194.39	212.35	236.12	257.46
Pennsylvania	154.42	167.23	180.97	193.22	210.11	231.08
Rhode Island	124.43	132.44	141.90	149.04	163.93	171.65
South Carolina	115.92	122.72	132.14	141.45	157.96	173.77
South Dakota	137.26	143.56	157.21	171.35	179.95	190.21
Tennessee	124.64	132.92	144.44	156.41	170.87	188.14
Texas	([1])	([1])	([1])	([1])	203.68	222.76
Utah	139.56	148.62	162.02	175.77	191.69	207.15
Vermont	136.12	145.25	155.36	164.43	180.40	191.76
Virginia	126.48	135.60	145.27	156.41	171.57	187.13
Washington	179.78	189.34	203.84	225.23	248.68	267.74
West Virginia	154.80	165.60	179.39	192.27	212.46	239.37
Wisconsin	171.04	183.99	197.43	212.25	230.91	250.06
Wyoming	133.10	155.58	171.71	190.36	218.11	226.82

See footnotes at end of table.

Table 87. Average weekly earnings of production workers on manufacturing payrolls by State, 1972-83—Continued

State	1978	1979	1980	1981	1982	1983
Alabama	$219.24	$242.16	$260.25	$279.70	$282.20	$308.51
Alaska	375.66	401.25	436.49	456.80	453.16	446.71
Arizona	243.01	268.77	292.33	317.59	339.60	364.10
Arkansas	185.50	205.52	224.40	246.64	258.23	282.71
California	257.84	280.50	304.15	338.98	362.21	380.80
Colorado	244.05	273.74	303.67	329.54	338.30	357.90
Connecticut	250.32	270.06	295.94	319.07	333.32	361.79
Delaware	263.20	278.08	306.99	333.68	338.69	369.77
District of Columbia[2]	262.75	303.41	332.48	348.10	359.81	376.35
Florida	207.36	221.94	243.98	265.12	280.10	298.33
Georgia	195.69	214.12	231.95	255.44	260.55	293.04
Hawaii	227.74	244.35	258.17	289.90	302.06	317.68
Idaho	253.36	265.04	280.11	311.09	316.35	317.53
Illinois	271.42	296.66	319.20	356.23	364.86	393.59
Indiana	295.40	315.94	337.90	375.74	383.77	414.10
Iowa	281.50	313.88	343.33	379.20	387.39	400.57
Kansas	([1])	273.10	297.75	325.22	344.96	362.85
Kentucky	247.90	266.74	286.99	308.90	321.79	344.57
Louisiana	267.07	287.86	318.89	362.08	384.58	391.60
Maine	197.38	217.34	240.00	269.06	288.80	303.64
Maryland	257.75	283.60	301.36	334.76	344.18	360.80
Massachusetts	222.71	239.80	257.80	280.40	297.14	319.60
Michigan	349.50	359.72	381.87	426.27	449.33	494.02
Minnesota	258.89	277.20	299.83	330.96	356.20	379.53
Mississippi	181.94	196.02	213.79	236.19	244.22	268.67
Missouri	248.40	264.65	284.59	318.37	326.56	354.71
Montana	333.49	362.08	379.30	372.69	387.50	413.67
Nebraska	239.61	269.69	299.63	322.80	337.95	352.63
Nevada	251.79	267.58	294.90	325.01	328.24	349.98
New Hampshire	199.08	215.34	233.63	255.76	274.82	296.68
New Jersey	256.22	276.45	297.07	327.16	345.53	([3])
New Mexico	187.77	211.72	230.44	258.33	283.02	301.75
New York	241.98	260.17	282.89	308.90	323.98	347.41
North Carolina	177.91	192.85	211.04	232.25	236.86	267.20
North Dakota	220.34	233.82	246.00	271.27	282.00	294.12
Ohio	306.91	325.36	347.94	389.78	403.81	437.18
Oklahoma	233.56	264.46	295.14	328.82	343.26	373.01
Oregon	281.97	304.92	329.57	355.13	379.76	398.34
Pennsylvania	254.80	278.10	294.49	325.36	331.39	350.84
Rhode Island	183.22	199.41	219.69	239.73	255.16	169.88
South Carolina	190.13	208.08	225.28	249.67	255.18	285.30
South Dakota	216.42	238.83	265.85	296.19	302.50	299.94
Tennessee	203.15	220.73	241.38	268.13	276.38	303.34
Texas	242.84	265.51	294.58	328.34	344.00	363.19
Utah	224.36	245.31	274.48	307.28	323.40	343.17
Vermont	209.10	225.62	249.28	271.60	286.65	306.40
Virginia	203.38	221.53	244.45	271.55	283.01	308.87
Washington	297.11	323.85	-	-	-	-
West Virginia	264.53	293.44	316.74	346.72	364.72	385.70
Wisconsin	274.21	297.00	323.10	352.55	370.87	398.05
Wyoming	238.55	251.17	272.69	315.60	329.28	321.77

- Data not available.

[1] Data based on the *1972 Standard Industrial Classification (SIC) Manual* are not available.

[2] Data refer to the Washington, D.C., SMSA.

[3] Not available.

NOTE: All State data have been adjusted to March 1983 benchmarks except Wisconsin.

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Technical Notes

Occupational Employment Statistics

(Covers tables 88–90)

The Occupational Employment Statistics (OES) survey is designed to collect data on occupational employment of wage and salary workers by industry in nonfarm establishments. BLS provides the procedures and technical assistance for the survey and State employment security agencies collect the data. OES surveys have been conducted alternately for manufacturing and nonmanufacturing industries since 1971.

Collection and coverage

The OES survey is a periodic mail survey of nonfarm establishments conducted over a 3-year cycle. Current data on wage and salary employment are collected for more than 1,700 occupations at seven major skill levels. The survey is based on a probability sample, stratified by industry and size of employment, designed to represent the total of establishments covered by the survey. Data are requested for the pay period including the 12th of the month.

Classification

The OES survey combines two widely used occupational classification [illegible]tems—the *Dictionary of Occupational Titles* and the system used for the 1970 Census of Population. Occupational titles and descriptions in the survey are based primarily on the *Dictionary of Occupational Titles*[1] because it is the most detailed classification available. Summary categories and residual groups generally follow the categories used in the 1970 census and the Current Population Survey. "Crosswalks" have been developed between the two systems so that users may integrate OES data with data from sources using the census classification.

The OES classification is organized to allow for the changes that are necessary to keep pace with changes in the economy. It also allows for integration of information learned from each successive round of OES surveys.

The OES survey classification structure after 1982 was substantially revised to be compatible with the 1980 Standard Occupational Classification (SOC) system. The industrial classification system is that described in the *1972 Standard Industrial Classification Manual*[2] which classifies reporting establishments into industries on the basis of major product or activity.

Concepts

An *establishment* is an economic unit which processes goods or services, generally at a single location, and is engaged predominantly in one type of economic activity. Where a single location encompasses two or more distinct activities, these are treated as separate establishments if separate payroll records are available and certain other criteria are met.

Unit total employment includes full- and part-time workers; workers on paid vacations or other types of leave; workers on unpaid short-term absences; salaried officers, executives, and staff of incorporated firms; employees temporarily assigned to other units; and employees for whom this unit is their permanent duty station, regardless of whether this unit prepares their paycheck. Unit total employment excludes proprietors (owners and partners of unincorporated firms), unpaid family workers, and workers on extended leave.

Occupation refers to the occupation in which employees are working rather than the occupation for which they may have been trained.

Working supervisors (those spending 20 percent or more of their time at work similar to that performed by workers under their supervision) are reported in the occupation most closely related to their work.

Part-time workers, learners, and apprentices are reported in the occupation in which they ordinarily work.

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[1] *Dictionary of Occupational Titles*, fourth edition (U.S. Employment Service, U.S. Department of Labor 1977).

[2] *Standard Industrial Classification Manual* (Office of Management and Budget, Executive Office of the President, 1972).

Table 88. Employment in transportation, communications, utilities, and wholesale and retail trade by occupation, 1982

Industry	Managers and officers	Profes-sional workers	Technical workers	Service workers	Production, maintenance, construction, repair, material handling, and powerplant workers	Clerical workers	Sales workers
Total	3,001,770	1,379,500	471,630	6,126,860	7,188,200	6,129,520	4,552,180
Local and suburban transit and interurban highway	15,440	2,710	15,530	6,690	194,830	32,490	1,200
Motor freight transportation and warehousing	100,750	10,650	1,950	10,770	871,600	187,590	24,530
Water transportation	30,770	6,940	2,290	11,420	131,190	26,790	3,200
Air transportation	25,140	18,100	55,070	70,290	125,900	139,060	7,030
Pipe lines, except natural gas	2,040	3,150	1,520	100	[1] 12,890	2,930	20
Transportation services	39,840	60,030	680	7,190	28,490	70,230	9,210
Communications	163,290	157,470	70,850	13,300	389,430	559,630	67,150
Electric, gas, steam, water, and sanitary services	68,350	97,330	51,230	16,760	412,070	214,990	6,040
Wholesale trade--durable goods	349,530	177,100	131,120	27,290	861,860	907,570	663,310
Wholesale trade--nondurable goods	224,490	79,430	14,880	43,240	775,160	617,480	453,320
Building materials, hardware, garden supply, and mobile home dealers	87,760	17,400	800	8,630	170,090	141,140	173,760
General merchandise stores	197,430	54,220	4,660	124,990	239,200	529,290	1,000,780
Food stores	257,440	34,920	2,380	273,840	679,100	806,040	412,550
Automotive dealers and gasoline service stations	242,780	19,440	2,240	46,240	775,370	291,610	260,010
Apparel and accessory stores	158,760	24,230	490	12,980	74,540	122,790	539,830
Furniture, home furnishings, and equipment stores	89,230	24,180	2,910	13,560	143,840	122,130	178,030
Eating and drinking places	380,520	21,470	920	4,254,510	54,230	211,660	61,840
Miscellaneous retail	243,020	150,600	10,000	54,840	317,450	436,820	686,590

[1] Includes pipe line, transportation, petroleum, and extraction workers.

NOTE: Occupational data are based on the Occupational Employment Statistics classification system.

Table 89. Employment in selected nonmanufacturing industries by occupation, 1981

Industry	Managers and officers	Professional workers	Technical workers	Service workers	Production, maintenance, construction, repair, material handling, and powerplant workers	Clerical workers	Sales workers
Total	2,712,320	3,009,690	1,022,630	4,128,900	5,910,390	6,249,190	800,600
Mining, except oil and gas extraction	25,000	20,250	7,870	6,060	[1] 369,970	31,150	1,660
Oil and gas extraction	54,150	91,130	27,660	7,580	[2] 390,490	91,660	5,080
Construction	447,000	171,230	43,350	36,610	3,135,510	350,520	51,110
Banks and credit agencies	418,420	135,240	16,410	49,420	11,590	1,546,320	26,190
Security and commodity brokers and investment services	65,770	54,180	5,660	9,350	5,040	169,170	72,590
Insurance and real estate	421,350	278,790	33,390	258,880	232,090	1,110,070	382,000
Hotels and other lodging places	76,720	23,070	2,520	738,310	90,370	185,690	13,090
Personal services	105,200	46,580	2,570	325,260	253,110	144,150	28,560
Business services	293,160	406,530	187,390	856,190	460,250	936,460	123,300
Auto repair, services, and garages	85,220	5,000	850	8,330	370,470	88,720	12,570
Miscellaneous repair services	34,300	5,620	15,300	3,340	143,600	34,320	12,[illegible]
Motion pictures	27,710	39,630	3,310	56,670	26,350	45,760	13,620
Amusement and recreation services, except motion pictures	64,540	114,270	2,600	339,370	118,070	104,520	26,400
Health services, except hospitals	154,420	549,510	466,860	858,460	111,170	488,060	3,430
Legal services	36,320	206,080	1,430	8,360	320	290,380	90
Social services	120,870	313,170	15,030	381,870	110,740	211,560	10,610
Museums and botanical and zoological gardens	3,660	5,420	1,540	10,810	4,390	6,000	1,940
Membership organizations, except religious organizations	158,690	122,430	3,220	160,840	23,910	164,060	10,240
Miscellaneous services	119,820	421,560	185,670	13,190	52,950	250,620	5,840

[1] Includes mining and processing workers.

[2] Includes petroleum and gas production workers.

NOTE: Occupational data are based on the Occupational Employment Statistics classification system.

Table 90. Employment in manufacturing industries by occupation, 1980

Industry	Managers and officers	Professional workers	Technical workers	Service workers	Production, maintenance, construction, repair, material handling, and powerplant workers	Clerical workers	Sales workers
Total	1,457,820	2,531,510	1,276,110	1,485,560	13,932,920	2,934,770	440,860
Food and kindred products	107,750	45,360	12,000	52,000	1,241,080	169,730	66,910
Tobacco products	3,780	2,380	1,220	2,230	46,270	6,960	760
Textile mill products	31,980	14,710	7,750	19,110	713,410	76,780	7,040
Apparel and other textile products	45,820	15,500	2,250	15,290	1,057,890	116,190	18,420
Lumber and wood products, except furniture	41,070	9,890	5,090	13,520	534,720	41,920	11,060
Furniture and fixtures	24,300	10,200	3,610	8,510	348,250	50,490	10,470
Paper and allied products	37,340	30,190	10,500	11,570	519,530	73,240	18,540
Printing and publishing	126,830	124,270	12,620	20,980	612,420	264,290	[illegible]
Chemicals and allied products	110,000	137,650	58,990	24,700	587,520	162,670	35,290
Petroleum refining and related products	14,790	19,030	6,290	3,080	127,290	23,040	9,170
Rubber and miscellaneous plastics products	45,860	28,880	12,190	11,420	534,150	67,470	11,020
Leather and leather products	9,130	3,390	720	3,030	190,440	24,640	4,840
Stone, clay, glass, and concrete products	48,720	20,930	9,580	9,520	503,440	60,130	13,310
Primary metal industries	47,550	46,350	22,320	23,540	956,430	98,230	10,680
Fabricated metal products	103,670	67,110	33,650	25,750	1,164,180	154,800	30,800
Machinery, except electrical and transportation equipment	195,830	234,740	134,550	39,900	1,515,640	332,490	44,140
Electrical and electronic equipment	133,520	255,880	129,720	29,310	1,254,920	255,900	20,390
Transportation equipment	106,320	240,400	72,110	40,480	1,188,110	178,180	9,470
Instruments and related products	61,500	82,460	52,840	12,130	381,320	105,970	13,540
Miscellaneous manufacturing	32,400	14,760	6,270	7,080	290,030	59,280	11,970

NOTE: Occupational data are based on the Occupational Employment Statistics classification system.

Technical Notes

Productivity

(Covers tables 91–95)

The measures of *productivity* for the business, nonfarm business, and manufacturing sectors refer to the ratio of constant-dollar gross product (GDP) originating in a sector to the corresponding hours of persons engaged in the sector. The output measures are based on series prepared by the Bureau of Economic Analysis of the U.S. Department of Commerce as part of the national income and product accounts (NIPA).

The business sector represents about 78 percent of gross national product (GNP). Subtracted from GNP are those activities for which theoretical or practical difficulties make the computation of meaningful productivity measures impossible. The omitted output series are the rest-of-world sector, the output of general government, output of paid employees of private households and nonprofit institutions, the rental value of owner-occupied dwellings, and the statistical discrepancy in computing the NIPA. Appropriate adjustments are also made to the labor input measures. The nonfarm business sector accounts for about 76 percent of GNP, while manufacturing is currently 23 percent.

The productivity meaures show the changes from period to period in the amount of goods and services produced per hour. Although these measures relate output to hours of persons engaged in a sector, they do not measure only the specific contributions of labor, capital, or any other factor of production. Rather they reflect the joint effects of many influences, including changes in technology; capital investment; level of output; utilization of capacity, energy, and materials; the organization of production; managerial skill; and the characteristics and effort of the work force.

Measures of labor input are based mainly on the monthly BLS survey of nonagricultural establishments. From it are drawn measures of employment and average weekly hours paid for employees of these establishments. Supplementary information for farm workers, the self-employed, and for unpaid family workers are obtained from the monthly survey of households, the Current Population Survey. Without this supplementary data, labor input would be seriously understated for family farms, in retail trade, and for self-employed individuals in all occupations.

The *indexes of hourly compensation and unit labor costs in the business and nonfarm business sectors* are developed from hours measures based mainly on the establishment series and employees compensation data from the NIPA. Compensation includes wages and salaries, and supplemental payments such as contributions of employers to social security and private health and pension funds. The "all persons" compensation data include measures of proprietors' salaries and contributions for supplementary benefits. Real compensation per hour is derived by adjusting the compensation data by the Consumer Price Index for all Urban Consumers to reflect changes in purchasing power.

The indexes of unit labor costs are computed by dividing compensation per hour by output per hour. Nonlabor payments represent the difference between total compensation and gross domestic product (in current dollars) originating in the business sector of the economy.

The *implicit deflator* reflects changes in all of the costs of production and distribution (unit labor costs plus unit nonlabor payments). The deflator is derived by dividing the current-dollar measure of gross product originating in a sector by the constant-dollar series.

The productivity and cost measures contained in tables 91 and 92 were prepared in May 1984. Subsequent revisions and more recent measures can be found in the *Monthly Labor Review* (tables 28–32) and *Employment and Earnings* (tables C-10 and C-11). Current measures and revisions are first published in the Productivity and Costs news release, available 30 and 60 days after the close of the reference quarter from the BLS Office of Publications.

The measures of *output per unit of combined labor and capital input* (multifactor productivity) and related measures are produced for the private business, private nonfarm business, and manufacturing sectors. The *private* business and *private* nonfarm business sectors for which multifactor productivity indexes are prepared by definition *exclude* government enterprises, and thus differ from the business and nonfarm business sectors, for which measures of output per hour of all persons are computed. The definition of the manufacturing sector remains the same in the multifactor and output per hour of all person series.

Multifactor productivity measures refer to the ratio of an output index to an index of combined hours and capital services. Multifactor productivity growth reflects the amount of output growth which cannot be accounted for by the growth of weighted labor and capital inputs as they have been measured. The weights are associated cost shares; labor's share is the ratio of compensation to current-dollar output. Capital's share is equal to the ratio of capital cost to current-dollar output.

Capital services measures are developed from investment data for equipment and structures plus estimates of land and inventories. The measure is designed to gauge the flow of services from these sources used in the current production of measured output. This flow of services reflects changes in both the stock of capital and the service price the capital will obtain.

The capital costs measure is property income—income derived from all tangible assets including land and inventories. It reflects not only profits, but also interest, depreciation costs, capital gains, and taxes.

Data on *output per employee hour in selected industries* contain indexes of output, employee hours, and output per employee hour for selected U.S. manufacturing and nonmanufacturing industries for selected years from 1939 through 1982. The industries included are not necessarily a representative cross-section of U.S. industry, and their output-per-employee-hour indexes, therefore, should not be combined to obtain an overall measure for the entire economy or any sector. Each index represents only the change in output per employee hour for the designated industry or combination of industries.

Output indexes are based primarily on the physical output of the products or services of the industry, combined with fixed-period weights. Although unit employee hour weights are preferred and used whenever possible, it is often necessary to use substitute weights which are assumed to be proportional to unit employee hour weights. Unit value weights generally are substitued when unit labor hour weights are not available. Since the most comprehensive physical output data usually are available from the censuses of manufactures, minerals, and business, benchmark output indexes for most industries are derived from data for two consecutive censuses. For intercensal years and for those industries not benchmarked, annual indexes are based on either physical output data or value of output adjusted for price change. The annual series subsequently are adjusted to the census benchmark levels.

Indexes of employee hours are computed by dividing the aggregate employee hours for each year by the base period aggregate. Employee hours are treated as homogeneous and additive. Some of the employee hour indexes are based on hours paid and some on plant hours.

Output per employee hour indexes are obtained by dividing an output index by an index of aggregate employee hours.

Although the measures relate output to one input—labor time—they do not measure the specific contribution of labor or any other factor of production. Rather, they reflect the joint effect of a number of interrelated influences, such as changes in technology, capital investment per worker, and capacity utilization. Industry output-per-employee-hour measures are limited to the extent that they do not account adequately for quality change, and often do not reflect adequately changes in the degree of vertical integration in industry. In addition, there is not always strict comparability between output and labor input estimates. Finally, year-to-year changes in output per employee hour are irregular and, therefore, not necessarily indicative of basic changes in long-term trends. Conversely, long-term trends are not necessarily applicable to any one year or period in the future.

Work is underway on developing multifactor productivity measures for selected industries. These measures will relate output to an index of hours, capital services, and intermediate purchases, combined.

The *indexes of output per employee year* for 28 functional groupings within the Federal civilian government and the sum of these functional areas are derived from output and employee data for about 390 Federal Government organizations. Quantity data reported by these organizations covered 1.7 million employee years in 1982, representing 62 percent of Federal civilian employees. In all, over 3,400 outputs were measured in the study.

Output indexes for each grouping are based on the quantity of goods and services produced by the organizations in that grouping. Outputs are combined using base period unit-labor requirements. Output indexes are computed by dividing the total weighted output each year by total weighted output in the base year.

Employee year indexes are computed by dividing the aggregate employee years reported by the organizations in each grouping each year by the base period aggregate. Employee years are treated as homogeneous and additive. Organizations report all employee years for which employees have been paid, including vacations and absences due to illness or other reasons.

Output per employee year indexes are obtained by dividing an output index by an index of aggregate employee years. As with industry indexes described in the preceding section, productivity indexes relate output to employee years, but they do not measure the specific contribution of labor or any other factor of production.

Table 91. Indexes of output per hour and related data, business sector, 1947-83

[1977=100]

Year	Output per hour			Output per person			Output [1]			Employment [1]			Hours		
	Business	Nonfarm business	Manufacturing	Business	Nonfarm business	Manufacturing	Business	Nonfarm business	Manufacturing	Business	Nonfarm business	Manufacturing	Business	Nonfarm business	Manufacturing
1947	43.7	49.9	42.4	49.9	55.5	42.5	35.0	34.0	33.9	70.2	61.2	79.7	80.1	68.1	79.9
1948	46.1	52.0	45.1	52.3	57.6	44.9	37.2	36.0	35.8	71.1	62.6	79.8	80.7	69.2	79.4
1949	46.7	53.1	46.9	52.4	58.1	45.9	36.5	35.3	33.9	69.5	60.8	74.0	78.0	66.6	72.4
1950	50.4	56.3	49.4	56.6	62.0	49.6	39.8	38.6	38.6	70.3	62.4	77.9	78.9	68.6	78.2
1951	51.8	57.3	51.1	58.1	63.1	51.5	42.1	41.1	43.0	72.4	65.2	83.7	81.2	71.8	84.2
1952	53.5	58.6	52.1	59.7	64.3	52.4	43.5	42.5	44.5	72.9	66.1	84.8	81.3	72.6	85.4
1953	55.2	59.6	52.9	61.3	65.0	53.1	45.4	44.3	47.5	74.0	68.1	89.4	82.2	74.4	89.8
1954	56.1	60.4	53.8	61.7	65.4	53.0	44.6	43.4	44.1	72.2	66.4	83.2	79.4	71.9	82.1
1955	58.3	62.8	56.4	64.6	68.6	56.8	48.1	47.0	48.9	74.5	68.5	86.0	82.4	74.9	86.6
1956	58.9	62.9	56.0	64.8	68.6	56.1	49.3	48.3	49.2	76.2	70.4	87.8	83.7	76.7	87.9
1957	60.4	64.0	57.2	65.5	69.0	56.6	49.8	48.9	49.5	76.1	70.9	87.4	82.5	76.3	86.5
1958	62.3	65.5	56.9	67.0	70.1	55.6	49.0	48.0	45.2	73.2	68.4	81.2	78.7	73.2	79.4
1959	64.3	67.7	59.5	69.6	73.0	59.4	52.6	51.8	50.5	75.5	70.9	84.9	81.8	76.4	84.6
1960	65.2	68.3	60.0	70.3	73.3	59.2	53.5	52.5	50.7	76.0	71.7	85.5	82.0	76.9	84.4
1961	67.4	70.3	61.6	72.3	75.2	61.0	54.4	53.5	50.7	75.2	71.1	83.2	80.7	76.1	82.3
1962	69.9	72.8	64.3	75.3	78.1	64.2	57.4	56.6	55.1	76.2	72.5	85.7	82.1	77.8	85.6
1963	72.5	75.2	68.9	78.1	80.5	69.0	59.9	59.1	59.6	76.7	73.4	86.4	82.6	78.6	86.5
1964	75.6	78.1	72.3	81.2	83.7	72.9	63.5	62.8	63.9	78.1	75.1	87.6	83.9	80.5	88.4
1965	78.3	80.5	74.6	84.3	86.5	76.1	67.8	67.2	69.8	80.4	77.7	91.7	86.6	83.5	93.6
1966	80.8	82.5	75.4	86.5	88.3	77.2	71.5	71.2	75.1	82.7	80.7	97.4	88.6	86.3	99.7
1967	82.6	84.1	75.3	87.2	88.7	76.1	73.1	72.7	75.0	83.8	82.0	98.6	88.5	86.5	99.5
1968	85.3	86.8	78.0	89.8	91.2	78.9	76.8	76.6	79.1	85.6	84.0	100.2	90.0	88.2	101.4
1969	85.5	86.6	79.3	89.5	90.5	80.0	79.0	78.8	81.7	88.3	87.0	102.2	92.4	91.0	103.0
1970	86.2	86.8	79.2	88.9	89.5	78.4	78.4	78.0	77.0	88.1	87.1	98.2	90.9	89.8	97.3
1971	89.3	89.7	84.0	91.7	92.0	83.4	80.7	80.3	78.7	88.0	87.2	94.4	90.4	89.4	93.7
1972	92.4	93.0	88.2	94.9	95.5	88.9	86.1	85.8	86.2	90.7	89.9	97.0	93.2	92.2	97.7
1973	94.8	95.3	93.0	97.2	97.7	94.0	91.7	91.7	95.9	94.4	93.8	102.1	96.8	96.2	103.1
1974	92.5	92.9	90.8	93.7	94.1	90.4	89.9	89.8	91.9	96.0	95.4	101.7	97.2	96.6	101.2
1975	94.6	94.8	93.4	94.8	94.9	91.9	88.2	87.8	85.4	93.0	92.5	93.0	93.2	92.6	91.4
1976	97.6	97.8	97.6	97.8	98.0	97.1	93.8	93.7	93.6	95.9	95.6	96.4	96.0	95.8	95.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.5	100.6	100.9	100.2	100.2	101.1	105.5	105.7	105.3	105.3	105.4	104.2	104.9	105.1	104.4
1979	99.3	99.0	101.6	98.5	98.1	101.2	107.8	108.0	108.2	109.5	110.0	106.9	108.6	109.0	106.5
1980	98.8	98.3	101.7	96.9	96.4	100.3	106.5	106.5	103.5	109.9	110.4	103.2	107.8	108.3	101.7
1981	100.7	99.8	104.9	98.4	97.5	103.3	109.2	108.7	106.1	110.9	111.5	102.7	108.4	109.0	101.1
1982	100.9	100.0	107.1	97.5	96.6	103.6	106.3	105.9	99.3	109.1	109.6	95.8	105.4	106.0	92.7
1983	103.7	103.4	111.6	100.7	100.6	110.5	111.0	111.2	104.4	110.3	110.6	94.4	107.1	107.5	93.5

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[1] Output refers to gross domestic product in 1972 dollars. Employment includes self employed and unpaid family workers as well as wage and salary workers.

Table 92. Indexes of output per hour, hourly compensation, and unit labor cost in the business sector, and underlying data, 1947-83

[1977=100]

Year	Output per hour						Hourly compensation				Manufacturing all persons[1] [2]
	Business		Nonfarm business		Manufacturing		Business		Nonfarm business		
	All persons	Employees	All persons	Employees	All persons	Employees	All persons [2]	Employees	All persons [2]	Employees	
1947	43.7	52.5	49.9	52.5	42.4	43.0	17.0	18.3	18.5	18.5	17.5
1948	46.1	54.7	52.0	54.8	45.1	45.6	18.4	19.8	20.1	20.1	19.5
1949	46.7	56.2	53.1	56.4	46.9	47.5	18.7	20.3	20.7	20.7	20.4
1950	50.4	59.1	56.3	59.2	49.4	49.9	20.0	21.5	21.9	21.9	21.5
1951	51.8	59.3	57.3	59.4	51.1	51.6	22.0	23.4	23.8	23.8	23.6
1952	53.5	60.5	58.6	60.3	52.1	52.4	23.4	24.8	25.1	25.1	25.2
1953	55.2	61.8	59.6	61.3	52.9	53.3	24.9	26.3	26.5	26.5	26.5
1954	56.1	63.5	60.4	62.7	53.8	54.2	25.7	27.1	27.3	27.4	27.7
1955	58.3	65.2	62.8	65.0	56.4	56.8	26.4	28.0	28.3	28.4	28.8
1956	58.9	65.5	62.9	65.2	56.0	56.3	28.1	29.7	30.0	30.1	30.6
1957	60.4	66.8	64.0	66.6	57.2	57.5	29.9	31.5	31.7	31.9	32.5
1958	62.3	69.0	65.5	68.6	56.9	57.3	31.2	32.7	32.9	33.1	33.9
1959	64.3	70.6	67.7	70.5	59.6	59.9	32.6	34.0	34.2	34.4	35.2
1960	65.2	71.2	68.3	71.2	60.0	60.3	33.9	35.4	35.7	35.9	36.7
1961	67.4	73.5	70.3	73.4	61.6	62.0	35.2	36.6	36.8	37.1	37.7
1962	69.9	75.5	72.8	75.5	64.3	64.6	36.8	38.1	38.3	38.5	39.2
1963	72.5	77.4	75.2	77.4	68.9	69.1	38.2	39.4	39.6	39.8	40.3
1964	75.6	80.3	78.1	80.4	72.3	72.3	40.2	41.3	41.4	41.6	42.0
1965	78.3	82.4	80.5	82.4	74.6	74.7	41.7	42.7	42.8	43.0	42.8
1966	80.8	83.8	82.5	83.7	75.4	75.3	44.6	45.4	45.4	45.5	44.8
1967	82.6	84.9	84.1	84.8	75.3	75.3	47.0	47.8	47.9	48.0	47.0
1968	85.3	87.4	86.8	87.3	78.0	77.8	50.7	51.5	51.5	51.6	50.4
1969	85.5	87.1	86.6	86.9	79.3	79.2	54.2	54.9	54.9	54.9	53.9
1970	86.2	87.5	86.8	87.0	79.2	79.1	58.2	58.8	58.7	58.7	57.6
1971	89.3	90.8	89.7	90.2	84.0	83.8	62.0	62.6	62.5	62.6	61.1
1972	92.4	93.4	93.0	93.1	88.2	88.0	66.1	66.7	66.7	66.8	64.4
1973	94.8	95.3	95.3	95.1	93.0	92.8	71.4	71.8	71.8	71.8	69.0
1974	92.5	92.8	92.9	92.8	90.8	90.6	78.1	78.4	78.5	78.5	76.4
1975	94.6	95.3	94.8	95.0	93.4	93.3	85.6	86.0	86.1	86.1	85.5
1976	97.6	97.7	97.8	97.7	97.6	97.5	92.9	93.0	93.0	93.0	92.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.5	100.4	100.6	100.5	100.9	100.9	108.5	108.4	108.6	108.5	108.3
1979	99.3	99.0	99.0	99.0	101.6	101.6	118.7	118.3	118.4	118.2	118.8
1980	98.8	98.6	98.3	98.4	101.7	101.9	131.1	130.4	130.6	130.3	132.7
1981	100.7	100.3	99.8	99.7	104.9	105.1	143.4	142.8	143.1	142.8	145.2
1982	100.9	100.9	100.0	100.4	107.1	107.4	155.0	154.2	154.5	154.1	158.0
1983	103.7	103.8	103.4	104.1	111.6	112.1	161.7	161.1	162.0	161.6	163.4

See footnotes at end of table.

Table 92. Indexes of output per hour, hourly compensation, and unit labor cost in the business sector, and underlying data, 1947-83 —Continued

[1977=100]

Year	Real hourly compensation					Deflators and costs								
	Business		Nonfarm business		All manufacturing	Business			Nonfarm business			Manufacturing		
	All persons	Employees	All persons	Employees	All persons	Implicit price deflator [3]	Unit labor cost [4]	Unit nonlabor payments	Implicit price deflator [3]	Unit labor cost [4]	Unit nonlabor payments	Implicit price deflator [3]	Unit labor cost [4]	Unit nonlabor payments
1947	46.1	49.5	50.1	50.2	47.6	38.1	38.9	36.7	36.6	37.0	35.7	42.1	41.3	43.8
1948	46.4	49.8	50.5	50.6	49.2	40.8	40.0	42.2	39.1	38.6	40.1	44.9	43.3	48.7
1949	47.6	51.5	52.5	52.6	51.9	40.3	40.1	40.9	39.4	38.9	40.5	45.7	43.5	51.0
1950	50.5	54.1	55.1	55.1	54.0	41.0	39.8	43.4	40.1	38.8	42.7	46.6	43.4	54.3
1951	51.4	54.6	55.4	55.5	55.1	44.0	42.5	47.0	42.8	41.5	45.3	49.3	46.2	56.9
1952	53.4	56.6	57.2	57.3	57.4	44.5	43.8	45.9	43.5	42.8	45.0	49.9	48.3	53.6
1953	56.5	59.5	60.0	60.0	60.1	44.9	45.1	44.4	44.4	44.5	44.2	50.8	50.1	52.4
1954	58.0	61.2	61.6	61.7	62.5	45.3	45.9	44.3	45.0	45.2	44.5	51.9	51.6	52.7
1955	59.7	63.3	64.0	64.2	65.1	46.0	45.2	47.6	46.0	45.1	47.8	53.2	51.0	58.6
1956	62.6	66.2	66.8	67.1	68.3	47.6	47.7	47.3	47.6	47.6	47.4	55.5	54.7	57.3
1957	64.5	67.8	68.3	68.6	69.9	49.2	49.5	48.5	49.3	49.5	48.8	57.2	56.8	58.1
1958	65.5	68.5	68.9	69.3	71.1	49.8	50.2	49.2	49.7	50.2	48.8	58.9	59.6	57.4
1959	67.8	70.8	71.1	71.5	73.2	50.8	50.7	51.1	50.9	50.5	51.6	60.2	59.0	63.0
1960	69.5	72.4	73.1	73.4	75.1	51.6	52.1	50.6	51.6	52.3	50.4	61.1	61.1	61.1
1961	71.4	74.2	74.6	75.1	76.4	51.9	52.3	51.0	51.9	52.4	50.9	61.3	61.1	61.6
1962	73.8	76.4	76.7	77.1	78.4	52.6	52.7	52.6	52.7	52.6	52.8	61.7	60.9	63.7
1963	75.6	77.9	78.4	78.7	79.8	53.2	52.7	54.2	53.3	52.7	54.5	60.4	58.5	65.0
1964	78.4	80.6	80.9	81.2	82.0	53.7	53.1	54.9	53.9	53.1	55.7	60.4	58.1	66.1
1965	80.1	82.1	82.3	82.6	82.3	54.7	53.3	57.6	54.8	53.2	58.0	61.0	57.5	69.4
1966	83.3	84.8	84.8	85.0	83.6	56.4	55.3	58.6	56.3	55.0	58.9	62.0	59.4	68.3
1967	85.3	86.7	86.9	87.1	85.3	57.9	57.0	59.9	58.1	57.0	60.3	63.8	62.4	67.1
1968	88.3	89.6	89.7	89.8	87.7	60.3	59.4	61.9	60.4	59.3	62.6	66.1	64.6	69.6
1969	89.7	90.7	90.7	90.8	89.1	63.2	63.4	62.7	63.3	63.4	63.1	67.6	67.9	66.8
1970	90.8	91.7	91.5	91.6	89.8	66.0	67.5	63.2	66.3	67.6	63.8	70.5	72.7	65.1
1971	92.8	93.7	93.6	93.7	91.4	69.0	69.5	68.0	69.3	69.7	68.5	72.6	72.7	72.4
1972	95.7	96.6	96.6	96.7	93.2	71.3	71.5	71.0	71.3	71.7	70.6	73.0	73.0	73.0
1973	97.3	97.9	97.9	98.0	94.1	75.3	75.3	75.2	74.0	75.3	71.6	73.2	74.2	70.7
1974	95.9	96.3	96.5	96.5	93.8	82.4	84.4	78.5	81.6	84.5	75.8	79.8	84.1	69.4
1975	96.4	96.8	96.9	96.9	96.2	90.4	90.5	90.4	90.0	90.8	88.5	90.3	91.5	87.3
1976	98.9	99.0	99.0	99.0	98.3	94.7	95.1	94.0	94.6	95.1	93.5	94.4	94.6	93.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.8	100.7	100.8	100.8	100.6	107.5	108.0	106.7	107.1	108.0	105.3	106.0	107.3	102.7
1979	99.1	98.8	98.8	98.7	99.2	117.2	119.5	112.8	116.5	119.5	110.4	112.0	117.0	99.9
1980	96.4	95.9	96.0	95.8	97.6	128.1	132.6	119.3	128.1	132.8	118.6	120.9	130.5	97.9
1981	95.5	95.2	95.3	95.1	96.8	140.4	142.4	136.7	140.6	143.5	135.0	130.6	138.4	111.6
1982	97.3	96.9	97.0	96.8	99.2	147.9	153.6	136.8	148.6	154.5	136.9	136.7	147.6	110.5
1983	98.4	98.0	98.6	98.3	99.4	152.4	156.0	145.5	153.4	156.6	147.0	141.2	146.4	128.8

See footnotes at end of table.

Table 92. Indexes of output per hour, hourly compensation, and unit labor cost in the business sector, and underlying data, 1947-83 —Continued

[1977=100]

Year	Underlying data [5]											
	Gross product						Hours					
	In 1972 dollars			In current dollars			Business		Nonfarm business		Manufacturing	
	Business	Nonfarm business	Manufacturing	Business	Nonfarm business	Manufacturing	All persons	Employees	All persons	Employees	All persons	Employees
1947	35.0	34.0	33.9	13.4	12.4	14.2	80.1	66.7	68.1	64.7	79.9	78.8
1948	37.2	36.0	35.8	15.1	14.1	16.1	80.7	67.9	69.2	65.7	79.4	78.4
1949	36.5	35.3	33.9	14.7	13.9	15.5	78.0	64.9	66.6	62.6	72.4	71.4
1950	39.8	38.6	38.6	16.3	15.5	18.0	78.9	67.3	68.6	65.2	78.2	77.4
1951	42.1	41.1	43.0	18.5	17.6	21.2	81.2	71.1	71.8	69.3	84.2	83.5
1952	43.5	42.5	44.5	19.4	18.5	22.2	81.3	71.9	72.6	70.5	85.4	84.8
1953	45.4	44.3	47.5	20.4	19.7	24.1	82.2	73.4	74.4	72.3	89.8	89.2
1954	44.6	43.4	44.1	20.2	19.5	22.9	79.4	70.2	71.9	69.2	82.1	81.4
1955	48.1	47.0	48.9	22.1	21.6	26.0	82.4	73.7	74.9	72.3	86.6	86.1
1956	49.3	48.3	49.2	23.5	23.0	27.3	83.7	75.3	76.7	74.0	87.9	87.4
1957	49.8	48.9	49.5	24.5	24.1	28.3	82.5	74.6	76.3	73.4	86.5	86.1
1958	49.0	48.0	45.2	24.4	23.8	26.6	78.7	71.1	73.2	69.9	79.4	78.9
1959	52.6	51.8	50.5	26.7	26.3	30.4	81.8	74.5	76.4	73.4	84.6	84.2
1960	53.5	52.5	50.7	27.6	27.1	30.9	82.0	75.1	76.9	73.8	84.4	83.9
1961	54.4	53.5	50.7	28.2	27.8	31.1	80.7	74.0	76.1	72.8	82.3	81.8
1962	57.4	56.6	55.1	30.2	29.8	34.0	82.1	76.0	77.8	75.0	85.6	85.3
1963	59.9	59.1	59.6	31.9	31.5	36.0	82.6	77.3	78.6	76.3	86.5	86.3
1964	63.5	62.8	63.9	34.1	33.9	38.6	83.9	79.0	80.5	78.2	88.4	88.4
1965	67.8	67.2	69.8	37.1	36.8	42.5	86.6	82.2	83.5	81.6	93.6	93.5
1966	71.5	71.2	75.1	40.3	40.1	46.6	88.6	85.3	86.3	85.0	99.7	99.8
1967	73.1	72.7	75.0	42.4	42.2	47.8	88.5	86.1	86.5	85.8	99.5	99.6
1968	76.8	76.6	79.1	46.3	46.3	52.2	90.0	87.9	88.2	87.7	101.4	101.6
1969	79.0	78.8	81.7	49.9	49.9	55.2	92.4	90.8	91.0	90.7	103.0	103.2
1970	78.4	78.0	77.0	51.8	51.7	54.3	90.9	89.6	89.8	89.6	97.3	97.4
1971	80.7	80.3	78.7	55.7	55.6	57.1	90.4	88.9	89.4	89.0	93.7	93.8
1972	86.1	85.8	86.2	61.4	61.2	62.9	93.2	92.1	92.2	92.1	97.7	98.0
1973	91.7	91.7	95.9	69.1	67.9	70.2	96.8	96.3	96.2	96.4	103.1	103.4
1974	89.9	89.8	91.9	74.1	73.3	73.3	97.2	96.9	96.6	96.8	101.2	101.4
1975	88.2	87.8	85.4	79.7	79.0	77.1	93.2	92.5	92.6	92.4	91.4	91.5
1976	93.8	93.7	93.6	88.8	88.6	88.3	96.0	96.0	95.8	95.9	95.9	96.0
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.5	105.7	105.3	113.4	113.1	111.6	104.9	105.1	105.1	105.1	104.4	104.4
1979	107.8	108.0	108.2	126.4	125.7	121.2	108.6	108.9	109.0	109.0	106.5	106.5
1980	106.5	106.5	103.5	136.4	136.3	125.1	107.8	108.0	108.3	108.2	101.7	101.6
1981	109.2	108.7	106.1	153.3	152.9	138.5	108.4	108.9	109.0	109.1	101.1	100.9
1982	106.3	105.9	99.3	157.3	157.4	135.7	105.4	105.4	106.0	105.5	92.7	92.4
1983	111.0	111.2	104.4	169.3	170.7	147.4	107.1	107.0	107.5	106.8	93.5	93.2

See footnotes at end of table.

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Table 92. Indexes of output per hour, hourly compensation, and unit labor cost in the business sector, and underlying data, 1947-83 —Continued

[1977=100]

Year	Compensation in current dollars						Nonlabor payment in current dollars		
	Business		Nonfarm business		Manufacturing		Business	Nonfarm business	Manufacturing
	All persons [2]	Employees	All persons [2]	Employees	All persons [2]	Employees			
1947	13.6	12.2	12.6	12.0	14.0	13.8	12.8	12.1	14.8
1948	14.9	13.4	13.9	13.2	15.5	15.3	15.7	14.4	17.4
1949	14.6	13.1	13.8	13.0	14.8	14.6	14.9	14.3	17.3
1950	15.8	14.5	15.0	14.3	16.8	16.6	17.3	16.5	21.0
1951	17.9	16.6	17.1	16.5	19.9	19.7	19.8	18.6	24.5
1952	19.0	17.9	18.2	17.7	21.5	21.3	20.0	19.1	23.8
1953	20.5	19.3	19.7	19.2	23.8	23.7	20.1	19.6	24.9
1954	20.4	19.1	19.6	18.9	22.7	22.6	19.7	19.3	23.2
1955	21.7	20.6	21.2	20.5	24.9	24.8	22.9	22.5	28.6
1956	23.5	22.4	23.0	22.3	26.9	26.8	23.3	22.9	28.2
1957	24.7	23.5	24.2	23.4	28.1	27.9	24.2	23.8	28.7
1958	24.6	23.2	24.1	23.1	26.9	26.8	24.1	23.4	25.9
1959	26.7	25.3	26.1	25.2	29.8	29.7	26.9	26.7	31.8
1960	27.8	26.6	27.4	26.5	30.9	30.8	27.1	26.5	31.0
1961	28.4	27.1	28.0	27.0	31.0	30.8	27.7	27.2	31.2
1962	30.2	29.0	29.8	28.9	33.5	33.4	30.2	29.9	35.1
1963	31.5	30.5	31.2	30.4	34.9	34.8	32.5	32.2	38.7
1964	33.7	32.6	33.3	32.5	37.1	37.1	34.8	35.0	42.2
1965	36.1	35.1	35.7	35.1	40.1	40.0	39.0	39.0	48.4
1966	39.5	38.8	39.2	38.7	44.6	44.7	41.9	41.9	51.4
1967	41.6	41.2	41.4	41.2	46.8	46.8	43.8	43.9	50.3
1968	45.7	45.2	45.4	45.2	51.1	51.2	47.5	47.9	55.1
1969	50.1	49.8	49.9	49.8	55.5	55.6	49.6	49.7	54.6
1970	52.9	52.6	52.7	52.7	56.0	56.0	49.5	49.7	50.1
1971	56.1	55.7	55.9	55.7	57.2	57.3	54.9	55.0	57.0
1972	61.6	61.5	61.5	61.5	62.9	63.1	61.1	60.6	63.0
1973	69.1	69.2	69.0	69.2	71.2	71.3	69.0	65.6	67.8
1974	75.9	76.0	75.9	76.0	77.3	77.5	70.6	68.1	63.8
1975	79.8	79.6	79.7	79.6	78.1	78.2	79.7	77.7	74.6
1976	89.2	89.2	89.1	89.2	88.5	88.6	88.1	87.6	87.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	113.9	113.9	114.1	114.0	113.0	113.1	112.5	111.3	108.1
1979	128.8	128.8	129.0	128.9	126.6	126.6	121.7	119.2	108.1
1980	141.3	140.9	141.4	141.0	135.0	134.8	127.0	126.3	101.3
1981	155.5	155.4	156.0	155.7	146.8	146.6	149.2	146.8	118.4
1982	163.4	162.5	163.7	162.6	146.5	146.0	145.5	145.0	109.7
1983	173.3	172.4	174.2	172.6	152.8	152.3	161.5	163.6	134.5

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[1] Index for employees not shown seperately because it is identical to figures shown.

[2] Wages and salaries of employees plus employer's contribution for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and suplemental payments for the self employed.

[3] Total payments in current dollars per unit of output (GDP Deflator).

[4] Compensation of all persons per unit of output.

[5] These data were basic measures used to develop the indexes of productivity, hourly compensation, unit labor costs, and unit nonlabor payments.

Table 93. Annual indexes of multifactor productivity and related measures, selected years, 1950–83

[1977=100]

Item	1950	1960	1970	1973	1974	1975	1976	1978	1979	1980	1981	1982	1983
Private business sector													
Productivity:													
Output per hour of all persons	49.7	64.8	86.1	94.8	92.5	94.5	97.6	100.5	99.3	98.7	100.6	100.8	103.7
Output per unit of capital services	98.6	98.5	98.5	103.0	96.5	92.0	96.1	101.8	100.3	95.6	94.1	89.6	92.3
Multifactor productivity	63.6	75.4	90.2	97.5	93.8	93.6	97.1	101.0	99.7	97.6	98.3	96.8	99.6
Output	39.5	53.3	78.3	91.8	89.9	88.0	93.7	105.5	107.9	106.4	109.2	106.3	111.1
Inputs:													
Hours of all persons	79.4	82.2	90.8	96.8	97.2	93.1	95.9	105.0	108.6	107.8	108.5	105.4	107.2
Capital services	40.1	54.1	79.4	89.1	93.1	95.7	97.5	103.6	107.5	111.4	116.0	118.7	120.3
Combined units of labor and capital input	62.1	70.7	86.7	94.1	95.8	94.0	96.5	104.5	108.2	109.0	111.0	109.8	111.5
Capital per hour of all persons	50.4	65.8	87.4	92.0	95.9	102.8	101.6	98.7	98.9	103.3	106.9	112.6	112.3
Private nonfarm business sector													
Productivity:													
Output per hour of all persons	55.6	68.0	86.8	95.3	92.9	94.8	97.8	100.6	99.0	98.2	99.6	99.9	103.5
Output per unit of capital services	98.2	98.4	98.6	103.2	96.5	91.7	96.1	101.9	100.1	95.2	93.2	88.7	91.9
Multifactor productivity	68.1	77.6	90.7	97.9	94.1	93.6	97.2	101.0	99.4	97.2	97.4	95.9	99.3
Output	38.3	52.3	77.8	91.7	89.7	87.6	93.6	105.7	108.0	106.4	108.7	105.9	11.3
Inputs:													
Hours of all persons	69.0	77.0	89.7	96.2	96.5	92.4	95.7	105.1	109.1	108.4	109.1	106.0	107.6
Capital services	39.0	53.2	78.9	88.8	93.0	95.6	97.4	103.7	107.9	111.7	116.6	119.4	121.2
Combined units of labor and capital input	56.2	67.4	85.9	93.6	95.3	93.5	96.3	104.6	108.7	109.5	111.6	110.4	112.0
Capital per hour of all persons	56.6	69.1	88.0	92.4	96.3	103.4	101.8	98.7	98.9	103.1	106.8	112.6	112.6
Manufacturing													
Productivity:													
Output per hour of all persons	49.4	60.0	79.2	93.0	90.8	93.4	97.6	100.9	101.6	101.7	104.9	107.1	111.6
Output per unit of capital services	94.5	88.0	91.8	108.2	99.6	89.4	96.1	101.5	99.5	90.7	89.9	82.9	87.6
Multifactor productivity	59.9	67.0	82.3	96.8	93.1	92.2	97.1	101.1	101.0	98.8	100.8	100.3	104.9
Output	38.6	50.7	77.0	95.9	91.9	85.4	93.6	105.3	108.2	103.5	106.1	99.3	104.4
Inputs:													
Hours of all persons	78.2	84.4	97.3	103.2	101.2	91.4	95.9	104.4	106.5	101.7	101.1	92.7	93.5
Capital services	40.9	57.5	83.9	88.6	92.2	95.5	97.4	103.8	108.8	114.1	118.0	119.8	119.2
Combined units of labor and capital input	64.5	75.6	93.5	99.0	98.7	92.6	96.3	104.2	107.1	104.8	105.2	99.0	99.5
Capital per hour of all persons	52.3	68.2	86.2	85.9	91.1	104.5	101.6	99.4	102.1	112.2	116.7	129.2	127.5

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Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Iron mining, crude ore SIC 1011						
1947	-	35.2	-	-	207.1	-	72.9
1950	-	37.3	-	-	212.8	-	79.4
1955	52.5	45.5	95.6	168.5	194.5	92.6	88.5
1960	59.4	51.5	108.4	163.1	188.3	89.4	96.9
1961	67.1	60.2	100.8	127.7	142.4	85.0	85.7
1962	73.1	65.2	113.3	123.5	138.6	79.7	90.3
1963	83.3	72.9	141.9	115.9	132.3	68.0	96.5
1964	89.6	77.8	160.3	121.6	140.1	68.0	109.0
1965	85.3	74.4	147.9	130.2	149.3	75.1	111.1
1966	84.4	74.3	139.1	134.0	152.2	81.3	113.1
1967	86.1	76.2	137.9	131.4	148.4	82.0	113.1
1968	93.5	84.3	137.5	129.7	143.9	88.2	121.3
1969	99.7	90.5	141.2	129.0	142.1	91.1	128.6
1970	99.9	90.2	146.4	132.3	146.6	90.3	132.2
1971	98.6	89.4	139.6	124.4	137.1	87.8	122.6
1972	108.0	98.2	153.4	108.8	119.7	76.6	117.5
1973	113.2	103.1	159.2	121.2	133.1	86.2	137.2
1974	107.9	98.1	152.2	126.4	139.0	89.6	136.4
1975	112.7	102.4	158.5	119.8	131.8	85.2	135.0
1976	113.5	103.5	157.2	124.4	136.4	89.8	141.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	116.8	107.2	158.3	126.7	138.1	93.5	148.0
1979	125.5	115.4	168.2	128.7	139.9	96.0	161.5
1980	129.0	123.6	147.5	103.8	108.3	90.8	133.9
1981	139.0	132.1	164.0	103.1	108.5	87.4	143.3
1982[2]	116.0	119.8	106.5	58.0	56.2	63.2	67.3
Rates of change[3]							
1947-82	-	4.2	-	-	-2.3	-	1.8
1977-82	3.8	4.7	.8	-9.7	-10.4	-7.0	-6.3
	Iron mining, usable ore SIC 1011						
1947	-	51.5	-	-	207.1	-	106.7
1950	-	52.9	-	-	212.8	-	112.6
1955	72.0	62.4	131.1	168.5	194.5	92.6	121.4
1960	70.1	60.8	128.0	163.1	188.3	89.4	114.4
1961	73.2	65.7	110.0	127.7	142.4	85.0	93.5
1962	78.1	69.6	121.0	123.5	138.6	79.7	96.4
1963	87.8	76.9	149.7	115.9	132.3	68.0	101.8
1964	96.6	83.9	172.8	121.6	140.1	68.0	117.5
1965	95.3	83.1	165.2	130.2	149.3	75.1	124.1
1966	98.4	86.7	162.2	134.0	152.2	81.3	131.9
1967	98.6	87.3	157.9	131.4	148.4	82.0	129.5
1968	106.1	95.6	156.0	129.7	143.9	88.2	137.6
1969	110.6	100.4	156.6	129.0	142.1	91.1	142.7
1970	111.1	100.3	162.8	132.3	146.6	90.3	147.0
1971	108.4	98.3	153.5	124.4	137.1	87.8	134.8
1972	118.1	107.4	167.8	108.8	119.7	76.6	128.5
1973	122.6	111.6	172.4	121.2	133.1	86.2	148.6
1974	113.8	103.5	160.5	126.4	139.0	89.6	143.8
1975	117.8	107.1	165.6	119.8	131.8	85.2	141.1
1976	115.9	105.7	160.6	124.4	136.4	89.8	144.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	119.2	109.3	161.5	126.7	138.1	93.5	151.0
1979	125.6	115.6	168.4	128.7	139.9	96.0	161.7
	Iron mining, usable ore SIC 1011—Continued						
1980	127.5	122.2	145.7	103.8	108.3	90.8	132.3
1981	136.8	130.0	161.3	103.1	108.5	87.4	141.0
1982[2]	116.4	120.1	106.8	58.0	56.2	63.2	67.5
Rates of change[3]							
1947-82	-	3.0	-	-	-2.3	-	.6
1977-82	3.5	4.4	.5	-9.7	-10.4	-7.0	-6.6
	Copper mining, crude ore SIC 1021						
1947	-	31.1	-	-	113.5	-	35.3
1950	-	36.1	-	-	105.5	-	38.1
1955	46.1	41.4	72.0	99.3	110.6	63.6	45.8
1960	57.2	54.6	67.1	97.0	101.6	82.7	55.5
1961	60.4	56.0	80.1	97.4	105.0	73.4	58.8
1962	66.1	61.3	88.0	93.9	101.3	70.6	62.1
1963	66.2	61.4	88.1	91.8	99.0	69.0	60.8
1964	72.3	67.4	93.9	89.4	95.9	68.8	64.6
1965	72.3	66.6	99.0	100.0	108.5	73.0	72.3
1966	73.7	67.8	101.8	106.1	115.4	76.8	78.2
1967	62.5	64.1	57.7	85.3	83.1	92.3	53.3
1968	69.6	70.1	68.0	102.0	101.3	104.4	71.0
1969	77.9	73.8	94.4	119.4	126.0	98.5	93.0
1970	84.8	80.0	104.1	125.7	133.2	102.4	106.6
1971	86.6	85.4	90.5	115.2	116.8	110.3	99.8
1972	91.8	86.4	114.2	118.9	126.4	95.8	109.2
1973	92.0	85.6	120.4	127.5	137.0	97.4	117.3
1974	85.7	82.0	99.9	136.7	142.9	117.3	117.2
1975	87.2	86.4	89.6	119.1	120.2	115.8	103.8
1976	99.2	98.0	103.1	111.5	112.9	107.3	110.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	109.6	109.1	111.1	92.5	92.9	91.3	101.4
1979	108.8	106.9	115.2	108.2	110.1	102.2	117.7
1980	99.1	98.5	100.6	94.9	95.4	93.4	94.0
1981	101.4	100.5	104.4	116.0	117.0	112.6	117.6
1982[2]	103.1	109.6	86.7	75.0	70.5	89.2	77.3
Rates of change[3]							
1947-82	-	3.9	-	-	(4)	-	3.9
1977-82	-.5	.4	-2.9	-2.5	-3.4	-.1	-3.0
	Copper mining, recoverable metal SIC 1021						
1947	-	45.5	-	-	113.5	-	51.6
1950	-	52.2	-	-	105.5	-	55.1
1955	61.6	55.3	96.2	99.3	110.6	63.6	61.2
1960	68.4	65.3	80.2	97.0	101.6	82.7	66.3
1961	73.5	68.2	97.5	97.4	105.0	73.4	71.6
1962	80.3	74.4	106.8	93.9	101.3	70.6	75.4
1963	81.2	75.3	108.0	91.8	99.0	69.0	74.5
1964	85.7	79.9	111.3	89.4	95.9	68.8	76.6
1965	83.3	76.8	114.1	100.0	108.5	73.0	83.3
1966	83.0	76.3	114.7	106.1	115.4	76.8	88.1
1967	69.2	71.0	63.9	85.3	83.1	92.3	59.0
1968	73.2	73.7	71.6	102.0	101.3	104.4	74.7
1969	80.6	76.3	97.7	119.4	126.0	98.5	96.2

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Copper mining, recoverable metal SIC 1021—Continued						
1970	85.5	80.7	105.0	125.7	133.2	102.4	107.5
1971	82.9	81.8	86.6	115.2	116.8	110.3	95.5
1972	88.1	82.9	109.6	118.9	126.4	95.6	104.8
1973	85.8	79.9	112.3	127.5	137.0	97.4	109.4
1974	75.2	71.9	87.6	136.7	142.9	117.3	102.8
1975	77.2	76.5	79.4	119.1	120.2	115.8	92.0
1976	94.7	93.5	98.4	111.5	112.9	107.3	105.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	107.6	107.1	109.0	92.5	92.9	91.3	99.5
1979	97.8	96.1	103.5	108.2	110.1	102.2	105.8
1980	91.3	90.8	92.7	94.9	95.4	93.4	86.6
1981	97.2	96.3	100.1	116.0	117.0	112.6	112.7
1982[2]	111.3	118.4	93.6	75.0	70.5	89.2	83.5
Rates of change[3]							
1947-82	-	2.4	-	-	(4)	-	2.4
1977-82	.5	1.3	-2.0	-2.5	-3.4	-.1	-2.1
	Coal mining SIC 111,121						
1947	-	44.2	-	-	242.0	-	106.9
1950	-	48.0	-	-	180.6	-	86.6
1955	74.9	68.3	164.7	97.8	107.3	44.5	73.3
1960	91.7	88.4	117.5	70.3	73.0	54.9	64.5
1961	101.5	98.3	124.1	61.4	63.4	50.2	62.3
1962	108.9	105.4	133.5	59.6	61.6	48.6	64.9
1963	115.0	110.7	147.5	61.3	63.7	47.8	70.5
1964	121.6	117.4	151.7	61.0	63.2	48.9	74.2
1965	128.3	125.0	152.8	60.0	61.6	50.4	77.0
1966	134.7	132.0	153.4	59.1	60.3	51.9	79.6
1967	137.4	134.4	155.9	59.7	61.0	52.6	82.0
1968	143.5	141.8	155.1	56.3	57.0	52.1	80.8
1969	144.7	142.4	157.9	57.1	58.0	52.3	82.6
1970	141.1	137.5	165.4	62.6	64.2	53.4	88.3
1971	129.5	130.1	126.2	62.4	62.1	64.0	80.8
1972	124.4	121.4	143.5	69.7	71.4	60.4	86.7
1973	125.5	123.7	137.2	68.5	69.5	62.7	86.0
1974	122.5	121.3	130.0	71.5	72.2	67.4	87.6
1975	105.3	104.7	109.2	89.3	89.8	86.1	94.0
1976	103.1	102.8	104.7	95.3	95.6	93.9	98.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	106.4	109.6	91.6	90.2	87.6	104.8	96.0
1979	99.4	101.3	90.2	112.5	110.4	124.0	111.8
1980	112.5	115.3	98.9	105.7	103.1	120.2	118.9
1981	122.2	125.6	105.9	96.5	93.9	111.3	117.9
1982[2]	115.9	120.7	94.5	102.5	98.4	125.7	118.8
Rates of change[3]							
1947-82	-	3.1	-	-	-2.1	-	.9
1977-82	3.7	4.3	.7	.8	.2	3.8	4.5
	Bituminous coal and lignite mining SIC 121						
1947	-	43.4	-	-	210.2	-	91.2
1950	-	48.3	-	-	154.7	-	74.7
1955	76.5	69.3	181.6	87.9	97.0	37.0	67.2
1960	92.3	88.6	119.5	65.1	67.8	50.3	60.1
1961	102.3	99.0	125.4	57.0	58.9	46.5	58.3
1962	109.3	105.7	134.0	55.9	57.8	45.6	61.1
1963	114.9	110.7	147.3	57.7	59.9	45.0	66.3
1964	122.0	118.1	148.8	57.7	59.6	47.3	70.4
1965	129.3	126.0	151.5	57.3	58.8	48.9	74.1
1966	135.2	132.6	151.1	57.1	58.2	51.1	77.2
1967	138.0	135.0	157.0	57.9	59.2	50.9	79.9
1968	144.0	142.2	155.6	54.8	55.5	50.7	78.9
1969	145.3	143.0	159.0	55.8	56.7	51.0	81.1
1970	142.3	138.4	167.7	61.3	63.0	52.0	87.2
1971	131.0	131.4	128.3	61.0	60.8	62.3	79.9
1972	124.6	121.6	144.2	69.1	70.8	59.7	86.1
1973	126.3	124.4	137.6	67.8	68.8	62.2	85.6
1974	123.0	121.8	130.7	71.0	71.7	66.8	87.3
1975	105.2	104.5	109.7	89.2	89.8	85.5	93.8
1976	103.0	102.7	104.7	95.3	95.6	93.8	98.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	106.7	109.8	92.1	90.2	87.6	104.4	96.2
1979	99.6	101.4	90.1	112.8	110.7	124.6	112.3
1980	112.6	115.5	98.8	105.8	103.1	120.5	119.1
1981	122.7	126.2	106.2	96.5	93.8	111.5	118.4
1982[2]	116.9	121.8	94.9	102.6	98.4	126.3	119.9
Rates of change[3]							
1947-82	-	3.1	-	-	-1.6	-	1.5
1977-82	3.9	4.5	.7	.8	.2	3.9	4.6
	Nonmetallic minerals, except fuels SIC 14						
1954	-	51.1	-	-	95.8	-	49.0
1955	-	53.4	-	-	99.9	-	53.3
1960	61.6	58.5	77.1	104.2	109.7	83.3	64.2
1961	64.2	61.3	78.1	102.0	106.8	83.9	65.5
1962	67.5	64.3	83.2	101.3	106.3	82.2	68.4
1963	70.3	67.5	83.3	101.2	105.4	85.4	71.1
1964	73.6	70.9	86.5	101.7	105.6	86.6	74.9
1965	75.2	72.0	90.6	106.0	110.7	88.0	79.7
1966	78.9	75.4	94.9	107.1	112.0	89.0	84.5
1967	77.9	75.2	89.5	104.8	108.5	91.2	81.6
1968	84.7	81.7	97.2	101.0	104.6	88.0	85.5
1969	86.9	83.8	100.9	101.5	105.2	87.4	88.2
1970	89.7	86.8	102.2	99.2	102.5	87.1	89.0
1971	89.1	87.1	96.8	99.7	102.0	91.7	88.8
1972	92.6	90.7	100.0	100.1	102.2	92.7	92.7
1973	97.2	96.0	101.6	104.7	106.0	100.2	101.8
1974	93.6	92.9	96.1	106.6	107.4	103.8	99.8
1975	90.6	91.6	86.5	99.3	98.2	104.0	90.0
1976	96.2	96.4	95.1	97.9	97.7	99.1	94.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.6	104.2	106.0	102.7	103.1	101.3	107.4
1979	102.4	102.1	103.3	107.9	108.2	107.0	110.5
1980	96.2	97.7	91.1	103.8	102.2	109.7	99.9

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
Nonmetallic minerals, except fuels SIC 14—Continued							
1981	96.0	99.4	84.5	98.9	95.5	112.3	94.9
1982[2]	88.8	93.3	75.1	92.2	87.8	109.0	81.9
Rates of change[3]							
1954-82	–	2.7	–	–	–.2	–	2.5
1977-82	–2.6	–1.5	–6.2	–1.6	–2.6	2.2	–4.1
Crushed and broken stone SIC 142							
1958	53.6	52.1	62.1	101.9	104.7	87.9	54.6
1960	55.5	54.3	62.5	111.3	113.9	98.9	61.8
1961	56.6	55.3	64.5	107.0	109.6	94.0	60.6
1962	59.6	57.8	70.6	107.4	110.8	90.7	64.0
1963	61.7	60.3	69.7	107.7	110.2	95.3	66.4
1964	66.6	65.3	74.1	105.8	108.0	95.1	70.5
1965	69.9	68.0	81.2	109.9	113.0	94.6	76.8
1966	74.2	72.4	84.9	110.2	113.0	96.4	81.8
1967	74.0	72.9	79.9	106.0	107.6	98.1	78.4
1968	80.5	79.1	87.7	103.9	105.7	95.3	83.6
1969	82.2	80.6	91.8	106.2	108.3	95.1	87.3
1970	83.1	82.6	85.3	106.2	106.8	103.4	88.2
1971	80.9	81.3	78.9	110.2	109.7	113.0	89.2
1972	85.5	84.8	88.8	110.0	110.9	105.8	94.0
1973	94.0	93.9	94.6	115.1	115.2	114.4	108.2
1974	92.1	92.7	88.8	116.5	115.7	120.9	107.3
1975	91.4	93.7	81.8	102.9	100.4	115.0	94.1
1976	93.7	94.3	90.6	100.1	99.5	103.5	93.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	109.0	107.8	114.8	101.1	102.2	96.0	110.2
1979	108.4	106.9	116.3	107.4	108.9	100.1	116.4
1980	103.3	103.1	104.5	100.3	100.5	99.1	103.6
1981	100.7	103.0	90.6	91.9	89.8	102.1	92.5
1982[2]	96.5	101.2	78.6	87.9	83.8	107.9	84.8
Rates of change[3]							
1958-82	3.0	3.3	2.0	–.4	–.6	.6	2.6
1977-82	–1.3	–.3	–5.6	–2.8	–3.8	1.6	–4.1
Red meat products SIC 2011,2013							
1967	74.8	76.5	69.0	102.3	100.0	110.8	76.5
1968	76.6	76.6	76.5	100.9	100.9	101.1	77.3
1969	75.2	75.6	73.8	100.6	100.1	102.6	75.7
1970	77.2	76.9	78.4	101.3	101.7	99.8	78.2
1971	78.9	77.6	84.1	103.1	104.8	96.7	81.3
1972	85.0	84.1	88.7	99.9	101.0	95.7	84.9
1973	82.9	83.1	81.8	94.5	94.2	95.7	78.3
1974	83.5	83.6	83.4	100.8	100.7	101.0	84.2
1975	82.9	83.5	80.7	97.5	96.8	100.1	80.8
1976	90.6	90.9	89.6	99.4	99.1	100.6	90.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.1	99.0	99.7	98.3	98.4	97.7	97.4
1979	102.9	102.1	106.2	96.3	97.1	93.3	99.1
1980	108.1	107.1	112.5	94.8	95.7	91.1	102.5
1981[2]	109.8	108.1	116.8	93.1	94.5	87.5	102.2
Red meat products SIC 2011,2013—Continued							
Rates of change[3]							
1967-81	3.0	2.8	3.4	–0.5	–0.4	–0.9	2.4
1977-81	2.8	2.4	4.4	–1.8	–1.4	–3.3	1.0
Meat packing plants SIC 2011							
1967	73.6	76.1	64.4	110.5	106.8	126.3	81.3
1968	76.0	77.0	71.7	108.2	106.7	114.6	82.2
1969	75.8	77.1	70.7	107.3	105.5	115.0	81.3
1970	78.7	78.9	77.4	106.8	106.5	108.5	84.0
1971	79.2	78.0	84.5	107.7	109.3	101.0	85.3
1972	87.1	86.0	91.8	101.2	102.4	96.0	88.1
1973	88.8	88.8	88.5	93.7	93.7	94.0	83.2
1974	86.7	86.2	88.3	101.3	101.8	99.4	87.8
1975	86.4	86.4	86.4	97.5	97.5	97.4	84.2
1976	93.6	93.5	93.8	99.8	99.9	99.6	93.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.4	101.4	101.4	97.3	97.3	97.3	98.7
1979	106.5	105.8	110.2	94.7	95.4	91.6	100.9
1980	110.9	109.3	117.8	93.0	94.3	87.5	103.1
1981[2]	116.8	114.8	126.5	89.9	91.5	83.0	105.0
Rates of change[3]							
1967-81	3.3	3.1	4.2	–1.3	–1.1	–2.1	2.0
1977-81	4.1	3.6	6.4	–2.5	–2.1	–4.7	1.4
Sausages and other prepared meats SIC 2013							
1967	79.2	80.1	76.9	81.2	80.3	83.6	64.3
1968	78.9	77.2	83.8	82.4	84.2	77.6	65.0
1969	73.8	72.9	76.5	83.7	84.8	80.8	61.8
1970	72.8	72.0	75.1	87.2	88.2	84.6	63.5
1971	78.8	78.2	80.4	91.1	91.8	89.3	71.8
1972	80.2	79.8	81.4	96.6	97.1	95.2	77.5
1973	69.1	69.7	67.6	96.5	95.7	98.7	66.7
1974	76.7	78.2	73.1	98.9	97.1	103.8	75.9
1975	74.8	77.0	69.6	97.3	94.6	104.6	72.8
1976	84.2	85.6	80.5	97.9	96.3	102.3	82.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	93.6	92.9	95.6	100.5	101.3	98.4	94.1
1979	94.6	93.4	98.0	99.8	101.1	96.3	94.4
1980	101.8	101.1	103.7	99.2	99.9	97.4	101.0
1981[2]	94.3	92.4	99.7	100.7	102.8	95.3	95.0
Rates of change[3]							
1967-81	2.1	2.1	2.2	1.6	1.6	1.5	3.7
1977-81	–.3	–.7	.8	(4)	.4	–1.1	–.3
Fluid milk SIC 2026							
1958	48.5	–	–	185.0	–	–	89.8
1960	50.9	–	–	183.2	–	–	93.3
1961	51.9	–	–	180.7	–	–	93.7
1962	54.2	–	–	175.8	–	–	95.3

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
Fluid milk SIC 2026—Continued							
1963	57.4	–	–	171.8	–	–	98.6
1964	58.6	–	–	170.7	–	–	100.0
1965	59.3	–	–	168.2	–	–	99.8
1966	61.0	–	–	161.5	–	–	98.5
1967	62.9	–	–	156.0	–	–	98.1
1968	66.5	–	–	147.0	–	–	97.7
1969	69.6	–	–	140.9	–	–	98.0
1970	73.7	–	–	134.6	–	–	99.2
1971	79.4	–	–	127.3	–	–	101.1
1972	85.1	–	–	120.9	–	–	102.9
1973	88.4	–	–	113.6	–	–	100.4
1974	90.9	–	–	108.1	–	–	98.3
1975	95.5	–	–	104.1	–	–	99.4
1976	99.5	–	–	101.1	–	–	100.6
1977	100.0	–	–	100.0	–	–	100.0
1978	108.0	–	–	94.3	–	–	101.8
1979	116.3	–	–	87.8	–	–	102.1
1980	124.8	–	–	82.1	–	–	102.5
1981	129.3	–	–	77.9	–	–	100.7
1982[2]	133.4	–	–	75.4	–	–	100.6
Rates of change[3]							
1958-82	4.5	–	–	–3.9	–	–	.4
1977-82	6.0	–	–	–5.7	–	–	([4])
Preserved fruits and vegetables SIC 203							
1947	40.5	38.2	60.2	83.3	88.2	56.0	33.7
1950	46.4	45.8	50.0	79.3	80.3	73.6	36.8
1955	54.2	52.4	67.2	81.9	84.8	66.1	44.4
1960	58.6	57.3	68.4	89.9	92.0	77.0	52.7
1961	60.3	58.8	71.8	89.5	91.9	75.2	54.0
1962	63.2	61.5	75.6	89.2	91.7	74.6	56.4
1963	65.8	64.5	75.3	89.0	90.9	77.8	58.6
1964	67.9	66.7	75.8	90.4	92.0	81.0	61.4
1965	70.3	69.0	79.0	92.6	94.3	82.4	65.1
1966	70.0	68.7	79.0	95.2	97.0	84.3	66.6
1967	73.8	71.6	89.6	96.5	99.5	79.5	71.2
1968	75.6	73.4	91.0	96.4	99.3	80.1	72.9
1969	76.9	74.9	91.2	98.4	101.1	83.0	75.7
1970	79.7	78.6	87.3	95.2	96.6	86.9	75.9
1971	83.1	82.3	88.2	96.9	97.8	91.3	80.5
1972	84.6	83.8	89.9	100.3	101.3	94.4	84.9
1973	93.1	93.0	93.7	100.4	100.5	99.8	93.5
1974	91.7	90.4	99.9	98.7	100.1	90.6	90.5
1975	93.7	92.5	101.4	94.5	95.7	87.3	88.5
1976	100.1	99.4	105.2	92.7	93.4	88.2	92.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.4	103.9	107.3	102.4	102.9	99.6	106.9
1979	99.3	99.6	97.9	104.0	103.7	105.5	103.3
1980	101.2	102.4	95.1	101.2	100.0	107.7	102.4
1981[2]	99.6	100.2	95.9	98.0	97.4	101.8	97.6
Preserved fruits and vegetables SIC 203—Continued							
Rates of change[3]							
1947-81	2.8	2.9	2.1	0.8	0.6	1.5	3.6
1977-81	–.4	–.1	–2.0	–.5	–.8	1.1	–.9
Canned fruits and vegetables SIC 2033							
1958	53.6	53.4	54.9	133.1	133.6	129.8	71.3
1960	57.7	56.5	68.2	131.3	134.1	111.1	75.8
1961	57.9	56.5	70.0	132.4	135.7	109.6	76.7
1962	59.8	58.2	74.2	132.7	136.2	106.9	79.3
1963	66.4	65.9	70.3	123.6	124.6	116.8	82.1
1964	68.0	68.0	67.9	125.1	125.1	125.4	85.1
1965	68.6	68.6	67.7	123.2	123.1	124.8	84.5
1966	70.0	70.0	69.4	124.2	124.1	125.3	86.9
1967	72.0	70.8	81.9	126.7	128.9	111.4	91.2
1968	71.8	70.4	83.0	126.1	128.5	109.1	90.5
1969	74.9	73.4	87.3	124.2	126.7	106.5	93.0
1970	76.4	75.9	80.0	116.1	116.8	110.9	88.7
1971	78.7	78.3	81.5	116.0	116.6	112.0	91.3
1972	84.5	84.7	83.3	109.1	108.9	110.7	92.2
1973	94.4	94.2	95.2	108.2	108.4	107.2	102.1
1974	93.3	91.1	113.7	104.9	107.5	86.1	97.9
1975	92.2	90.4	107.7	102.7	104.8	87.9	94.7
1976	102.3	101.2	109.4	96.3	97.3	90.0	98.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	103.7	103.4	106.2	98.0	98.3	95.7	101.6
1979	101.4	102.5	93.6	101.8	100.7	110.2	103.2
1980	100.6	103.1	85.4	98.0	95.6	115.5	98.6
1981[2]	99.7	100.4	94.3	94.6	93.9	100.0	94.3
Rates of change[3]							
1958-81	3.1	3.2	2.4	–1.6	–1.7	–.9	1.5
1977-81	–.4	.1	–3.3	–1.1	–1.5	1.9	–1.5
Grain mill products SIC 204							
1963	61.0	60.8	61.5	103.4	103.8	102.6	63.1
1964	64.3	64.3	64.2	101.4	101.4	101.5	65.2
1965	66.0	66.0	65.8	99.2	99.2	99.6	65.5
1966	68.8	69.2	67.7	99.1	98.6	100.7	68.2
1967	73.0	72.8	73.6	100.9	101.2	100.2	73.7
1968	77.0	75.9	80.0	97.9	99.3	94.3	75.4
1969	78.3	77.6	80.4	100.6	101.6	98.0	78.8
1970	79.7	78.9	81.9	100.2	101.3	97.5	79.9
1971	83.3	82.5	85.4	95.3	96.2	93.0	79.4
1972	85.5	84.5	87.8	101.1	102.2	98.4	86.4
1973	81.7	80.0	86.3	102.9	105.1	97.5	84.1
1974	86.4	86.0	87.2	102.0	102.5	101.0	88.1
1975	87.1	86.2	89.5	102.7	103.8	100.0	89.5
1976	91.1	91.1	91.1	102.9	102.9	102.9	93.7
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.4	101.0	98.8	102.5	101.9	104.1	102.9
1979	102.2	101.5	104.3	102.1	102.8	100.0	104.3
1980	107.5	107.6	107.3	101.1	101.0	101.3	108.7

See footnotes at end of table.

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Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Grain mill products SIC 204—Continued						
1981[2]	112.9	113.2	112.1	98.5	98.2	99.2	111.2
Rates of change[3]							
1963-81	3.2	3.2	3.1	([4])	([4])	.1	3.2
1977-81	3.2	3.2	3.2	-.4	-.5	-.4	2.7
	Flour and other grain mill products SIC 2041						
1947	36.7	34.1	48.2	282.1	303.6	214.9	103.5
1950	34.7	33.3	39.8	224.0	233.1	195.4	77.7
1955	41.9	41.5	43.2	188.9	190.6	183.1	79.1
1960	49.4	49.5	49.5	182.4	182.2	182.2	90.1
1961	51.4	50.7	54.3	177.7	180.4	168.4	91.4
1962	52.9	51.5	58.0	173.3	177.9	158.1	91.7
1963	59.4	57.9	65.2	152.1	156.1	138.6	90.4
1964	62.6	61.4	66.8	147.1	149.9	137.9	92.1
1965	64.5	63.7	67.4	137.3	139.0	131.4	88.5
1966	68.4	67.2	73.2	133.0	135.5	124.4	91.0
1967	70.6	70.2	71.9	134.2	135.0	131.8	94.8
1968	74.7	73.0	80.7	128.7	131.7	119.1	96.1
1969	73.0	71.8	77.0	129.5	131.7	122.8	94.5
1970	76.6	76.0	78.8	123.4	124.4	119.9	94.5
1971	77.7	76.3	82.1	116.8	118.8	110.5	90.7
1972	80.8	78.9	87.7	106.7	109.3	98.3	86.2
1973	80.4	78.0	88.9	111.9	115.4	101.2	90.0
1974	84.4	82.6	90.9	111.7	114.2	103.7	94.3
1975	85.8	85.8	85.8	112.6	112.6	112.6	96.6
1976	85.1	86.7	80.7	111.4	109.3	117.5	94.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.5	100.2	106.0	97.9	99.2	93.8	99.4
1979	98.5	97.1	103.3	100.9	102.4	96.2	99.4
1980	99.8	98.6	104.0	102.8	104.1	98.7	102.6
1981	98.8	97.1	104.4	104.3	106.1	98.7	103.0
1982[2]	102.8	105.0	96.5	100.9	98.8	107.5	103.7
Rates of change[3]							
1947-82	3.6	3.8	3.3	-2.9	-3.0	-2.5	.6
1977-82	.2	.5	-.6	.7	.5	1.6	.9
	Cereal breakfast foods SIC 2O43						
1963	79.3	81.3	68.9	67.0	65.3	77.1	53.1
1964	81.0	82.3	73.9	68.4	67.3	75.0	55.4
1965	83.0	84.4	75.2	69.9	68.7	77.1	58.0
1966	84.1	85.4	76.9	70.5	69.4	77.1	59.3
1967	86.6	88.6	76.5	71.7	70.1	81.2	62.1
1968	90.1	92.3	79.4	67.9	66.3	77.1	61.2
1969	88.8	91.0	77.9	69.4	67.7	79.1	61.6
1970	92.0	93.8	82.8	71.2	69.8	79.1	65.5
1971	92.4	94.5	81.1	75.0	73.3	85.4	69.3
1972	97.6	99.6	87.5	76.5	75.0	85.4	74.7
1973	96.6	96.9	95.0	81.9	81.6	83.3	79.1
1974	92.1	93.1	87.3	84.9	84.0	89.6	78.2
1975	94.8	95.3	92.0	86.9	86.5	89.6	82.4
1976	100.0	100.9	95.6	89.6	88.8	93.7	89.6
	Cereal breakfast foods SIC 2043—Continued						
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.7	101.9	100.2	98.5	98.3	100.0	100.2
1979	107.6	105.4	122.6	97.3	99.3	85.4	104.7
1980	106.5	104.5	119.4	95.8	97.6	85.4	102.0
1981[2]	110.0	108.2	121.4	94.3	95.8	85.4	103.7
Rates of change[3]							
1963-81	1.7	1.5	3.0	2.5	2.7	1.2	4.2
1977-81	2.4	1.8	5.8	-1.4	-.9	-4.6	.9
	Rice milling SIC 2044						
1963	61.2	66.2	43.1	93.9	86.9	133.5	57.5
1964	69.9	74.7	51.2	92.9	86.9	126.7	64.9
1965	73.4	78.1	55.0	94.9	89.3	126.7	69.7
1966	79.1	85.6	55.5	88.9	82.1	126.7	70.3
1967	81.3	87.2	59.0	91.9	85.7	126.7	74.7
1968	88.0	93.9	65.2	88.9	83.3	120.0	78.2
1969	85.1	90.5	63.7	89.9	84.5	120.0	76.5
1970	82.0	92.1	50.7	90.9	80.9	146.8	74.5
1971	83.1	90.7	56.7	81.8	75.0	120.0	68.0
1972	93.8	102.4	63.5	85.8	78.6	126.7	80.5
1973	81.5	89.3	54.5	84.8	77.4	126.7	69.1
1974	93.4	98.6	72.4	87.9	83.3	113.4	82.1
1975	90.4	94.3	73.3	91.9	88.1	113.4	83.1
1976	88.7	92.0	73.5	93.9	90.5	113.4	83.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	92.7	102.1	61.5	106.1	96.4	160.0	98.4
1979	96.3	106.7	62.3	112.1	101.2	173.3	108.0
1980	111.8	122.3	75.6	117.2	107.1	173.3	131.0
1981[2]	117.9	120.7	104.3	112.1	109.5	126.7	132.2
Rates of change[3]							
1963-81	2.5	2.4	3.0	1.1	1.2	.6	3.6
1977-81	5.3	5.7	2.9	3.3	2.9	5.7	8.8
	Blended and prepared flour SIC 2045						
1963	78.0	76.1	82.8	86.3	88.4	81.3	67.3
1964	85.5	90.8	74.3	90.5	85.2	104.2	77.4
1965	87.5	87.4	87.9	85.8	85.9	85.4	75.1
1966	90.0	89.9	90.4	85.8	85.9	85.4	77.2
1967	95.8	91.0	110.2	88.7	93.4	77.1	85.0
1968	95.9	89.9	115.2	87.6	93.4	72.9	84.0
1969	98.2	92.9	114.4	92.3	97.5	79.2	90.6
1970	102.4	98.7	113.1	82.8	85.9	75.0	84.8
1971	107.4	101.4	126.1	73.4	77.7	62.5	78.8
1972	99.3	94.8	112.8	97.0	101.6	85.4	96.3
1973	101.1	93.7	125.6	103.5	111.6	83.3	104.6
1974	115.6	109.3	135.6	92.9	98.3	79.2	107.4
1975	106.2	100.8	122.8	98.8	104.1	85.4	104.9
1976	110.9	111.3	109.9	101.2	100.8	102.1	112.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	92.5	91.2	96.2	108.3	109.9	104.2	100.2
1979	91.0	87.5	101.2	108.9	113.2	97.9	99.1

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Blended and prepared flour SIC 2045—Continued						
1980	104.8	101.1	115.5	94.1	97.5	85.4	98.6
1981[2]	104.6	101.8	112.3	91.7	94.2	85.4	95.9
Rates of change[3]							
1963-81	1.0	.9	1.3	1.0	1.2	.8	2.1
1977-81	2.2	1.4	4.2	-3.1	-2.4	-5.0	-1.0
	Wet corn milling SIC 2046						
1963	39.2	37.2	45.6	126.4	133.2	108.7	49.6
1964	41.9	40.2	47.2	120.4	125.5	106.9	50.5
1965	41.5	40.2	45.2	126.1	130.0	115.6	52.3
1966	42.2	41.6	43.7	132.1	133.8	127.6	55.7
1967	45.1	45.8	43.0	131.6	129.4	137.9	59.3
1968	48.6	48.4	48.8	128.3	128.7	127.6	62.3
1969	51.4	51.1	52.1	127.4	126.1	125.8	65.5
1970	47.8	48.3	46.7	127.9	126.8	131.0	61.2
1971	48.1	49.6	44.6	118.2	114.7	127.6	56.9
1972	62.6	64.2	58.8	111.6	108.9	118.9	69.9
1973	56.9	57.6	54.8	109.7	108.3	113.8	62.4
1974	71.1	72.8	66.8	103.7	101.3	110.3	73.7
1975	74.1	72.4	78.9	102.8	105.2	96.6	76.2
1976	83.2	81.8	87.5	103.2	105.0	98.2	85.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.0	100.7	105.6	100.0	101.3	96.6	102.0
1979	110.8	114.5	101.7	98.1	94.9	106.9	108.7
1980	129.2	131.1	124.4	96.3	94.9	100.0	124.4
1981[2]	143.8	144.8	141.3	94.9	94.3	96.6	136.5
Rates of change[3]							
1963-81	7.5	7.7	6.8	-1.9	-2.2	-1.3	5.4
1977-81	10.1	10.6	8.9	-1.4	-1.8	-.3	8.6
	Prepared feeds for animals and fowls SIC 2047,2048						
1963	61.3	61.1	61.7	99.3	99.7	98.7	60.9
1964	64.1	63.5	65.3	97.0	97.9	95.3	62.2
1965	66.2	66.2	66.2	94.5	94.6	94.5	62.6
1966	69.5	69.7	68.8	94.6	94.2	95.5	65.7
1967	75.1	73.3	78.9	96.8	99.2	92.1	72.7
1968	79.1	76.3	85.2	94.6	98.0	87.8	74.8
1969	81.8	79.4	87.1	98.6	101.7	92.6	80.7
1970	83.7	79.9	92.4	100.5	105.3	91.0	84.1
1971	90.0	86.7	97.8	95.4	99.1	87.8	85.9
1972	87.1	83.5	95.3	106.9	111.5	97.7	93.1
1973	82.1	78.6	90.5	107.0	111.8	97.1	87.9
1974	84.9	83.3	88.2	106.7	108.7	102.7	90.6
1975	85.9	83.7	90.6	106.3	109.1	100.8	91.3
1976	90.1	88.3	93.9	105.3	107.5	101.1	94.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.8	101.7	98.8	104.8	103.8	106.9	105.6
1979	102.0	100.8	104.8	103.0	104.3	100.3	105.1
1980	106.2	106.8	105.2	102.7	102.2	103.7	109.1
1981[2]	112.6	115.1	108.3	98.9	96.8	102.9	111.4
	Prepared feeds for animals and fowls SIC 2047,2048—Cont.						
Rates of change[3]							
1963-81	3.0	3.1	2.8	0.5	0.4	0.7	3.5
1977-81	2.9	3.4	2.2	-.4	-.8	.3	2.5
	Bakery products SIC 205						
1947	54.9	47.1	72.6	134.5	156.7	101.6	73.8
1950	55.0	49.0	67.2	138.4	155.2	113.3	76.1
1955	58.9	56.1	63.9	135.3	142.1	124.8	79.7
1960	64.3	63.0	66.5	139.4	142.3	134.8	89.7
1961	65.4	64.0	67.8	136.0	139.0	131.2	89.0
1962	67.2	66.4	68.6	135.2	136.8	132.3	90.8
1963	72.3	70.6	75.3	126.7	129.8	121.7	91.6
1964	74.6	72.5	78.2	127.6	131.3	121.7	95.2
1965	77.5	75.1	81.3	125.1	129.0	119.2	96.9
1966	78.4	75.5	83.0	124.4	129.1	117.4	97.5
1967	82.8	79.0	89.6	118.1	123.8	109.2	97.8
1968	84.5	79.9	92.7	116.5	123.1	106.2	98.4
1969	84.7	80.5	92.2	119.0	125.2	109.3	100.8
1970	87.5	83.0	95.6	110.7	116.7	101.4	96.9
1971	89.5	86.8	94.0	107.6	110.9	102.4	96.3
1972	94.1	91.6	98.4	107.1	110.0	102.4	100.8
1973	93.6	90.9	98.2	106.7	109.9	101.7	99.9
1974	93.6	94.4	92.3	105.5	104.6	106.9	98.7
1975	93.4	94.5	92.0	106.3	105.1	107.9	99.3
1976	93.9	93.7	94.2	109.1	109.3	108.7	102.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	97.2	98.6	95.2	101.8	100.3	103.9	98.9
1979	94.1	93.4	94.9	104.6	105.3	103.7	98.4
1980	92.3	90.7	94.9	104.3	106.2	101.5	96.3
1981	94.3	92.7	96.9	101.7	103.5	99.0	95.9
1982[2]	91.7	90.1	94.4	100.6	102.4	97.8	92.3
Rates of change[3]							
1947-82	2.0	2.3	1.5	-1.1	-1.4	-.7	.9
1977-82	-1.5	-2.1	-.7	.1	.6	-.8	-1.5
	Sugar SIC 2061,2062,2063						
1947	34.3	30.9	58.8	150.3	166.9	87.6	51.5
1950	40.5	36.8	66.1	139.4	153.7	85.5	56.5
1955	48.4	45.4	63.6	115.6	123.3	88.1	56.0
1960	57.5	54.0	74.9	115.4	122.9	88.7	66.4
1961	61.4	57.8	79.3	114.3	121.4	88.5	70.2
1962	67.5	63.1	90.3	108.7	116.3	81.3	73.4
1963	68.0	63.9	88.4	113.2	120.5	87.1	77.0
1964	71.5	67.2	92.5	116.2	123.7	89.8	83.1
1965	74.4	69.5	99.9	108.3	116.0	80.7	80.6
1966	77.1	73.0	95.6	105.3	111.2	84.9	81.2
1967	77.1	72.7	98.8	107.2	113.8	83.7	82.7
1968	80.5	75.2	106.9	107.5	115.0	80.9	86.5
1969	78.6	73.9	102.7	108.1	115.0	82.8	85.0
1970	85.9	80.1	116.1	105.0	112.6	77.7	90.2
1971	84.9	79.7	110.7	106.4	113.3	81.6	90.3
1972	90.4	86.5	109.5	105.0	109.7	86.7	94.9

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Sugar SIC 2061,2062,2063—Continued						
1973	96.3	93.8	107.0	99.8	102.4	89.8	96.1
1974	93.2	89.2	112.8	101.4	106.0	83.8	94.5
1975	94.0	93.8	94.4	101.4	101.6	100.9	95.3
1976	95.8	95.2	98.5	107.7	108.4	104.8	103.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.0	101.4	99.3	93.2	92.8	94.8	94.1
1979	109.1	109.2	108.1	88.0	87.9	88.8	96.0
1980	109.1	108.5	111.6	88.2	88.7	86.2	96.2
1981	111.2	110.1	116.5	91.3	92.2	87.1	101.5
1982[2]	110.4	106.8	129.4	82.9	85.7	70.7	91.5
Rates of change[3]							
1947-82	3.5	3.8	2.2	-1.2	-1.5	(4)	2.3
1977-82	2.3	1.6	5.3	-2.8	-2.2	-5.6	-.6
	Raw and refined cane sugar SIC 2061,2062						
1958	51.9	48.6	64.7	124.5	132.9	99.9	64.6
1960	57.2	53.2	73.1	120.5	129.5	94.3	68.9
1961	64.3	60.2	81.2	116.4	124.5	92.2	74.9
1962	71.1	65.9	91.9	109.1	117.8	84.4	77.6
1963	69.8	65.4	86.7	115.4	123.1	92.9	80.5
1964	69.6	65.8	83.6	114.1	120.7	95.0	79.4
1965	76.9	71.7	97.7	105.3	113.0	82.9	81.0
1966	81.2	75.9	102.0	104.6	111.9	83.2	84.9
1967	81.2	77.1	96.5	109.8	115.7	92.4	89.2
1968	82.5	77.9	99.5	106.7	113.0	88.4	88.0
1969	79.6	77.3	86.9	102.0	105.0	93.4	81.2
1970	86.1	83.4	94.6	99.3	102.5	90.4	85.5
1971	82.8	80.1	91.0	104.4	107.8	94.9	86.4
1972	87.2	86.1	90.1	104.7	106.0	101.3	91.3
1973	93.4	90.9	101.4	102.5	105.3	94.4	95.7
1974	91.0	90.4	92.7	104.6	105.3	102.7	95.2
1975	90.8	91.6	88.9	101.9	101.0	104.1	92.5
1976	92.5	92.4	93.2	104.4	104.6	103.7	96.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.7	100.4	101.6	96.3	96.6	95.5	97.0
1979	107.3	104.6	117.3	93.1	95.5	85.2	99.9
1980	107.8	104.2	121.3	93.4	96.6	83.0	100.7
1981	111.1	106.7	128.9	96.3	100.3	83.0	107.0
1982[2]	108.7	104.8	123.8	82.8	85.9	72.7	90.0
Rates of change[3]							
1958-82	2.8	3.1	1.9	-1.2	-1.4	-.2	1.6
1977-82	2.1	1.2	5.3	-2.7	-1.8	-5.7	-.6
	Beet sugar SIC 2063						
1958	60.8	59.1	73.7	95.8	98.4	79.0	58.2
1960	68.7	66.6	87.0	93.9	96.8	74.1	64.5
1961	65.9	64.1	80.8	97.4	100.2	79.5	64.2
1962	72.2	69.9	92.1	94.9	98.0	74.4	68.5
1963	76.0	73.1	102.2	96.6	100.4	71.8	73.4
1964	86.6	83.3	117.2	106.4	110.6	78.6	92.1
	Beet sugar SIC 2063—Continued						
1965	82.1	79.6	105.1	100.5	103.7	78.5	82.5
1966	82.0	81.7	83.0	94.4	94.7	93.3	77.4
1967	78.4	77.9	82.4	94.6	95.3	90.1	74.2
1968	85.2	83.9	94.9	100.4	101.9	90.1	85.5
1969	84.7	81.7	111.4	108.8	112.7	82.7	92.1
1970	92.9	89.8	120.7	106.2	109.9	81.8	98.7
1971	96.8	93.0	134.4	100.9	105.1	72.7	97.7
1972	105.5	102.3	134.1	96.5	99.5	75.9	101.8
1973	100.0	96.9	128.0	96.9	100.0	75.7	96.9
1974	94.2	91.9	113.5	98.9	101.4	82.1	93.2
1975	98.1	97.0	105.9	102.6	103.8	95.1	100.7
1976	101.7	100.8	107.1	114.1	115.1	108.3	116.0
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.2	101.9	96.3	88.4	87.8	92.9	89.5
1979	110.9	115.7	83.8	80.9	77.5	107.1	89.7
1980	111.7	114.2	95.8	79.7	77.9	92.9	89.0
1981	111.4	114.4	92.9	83.4	81.2	100.0	92.9
1982[2]	113.1	110.5	-	83.0	85.0	-	93.9
Rates of change[3]							
1958-82	2.5	2.7	-	-.5	-.7	-	2.0
1977-82	2.6	2.4	-	-3.2	-2.9	-	-.6
	Candy and confectionery products SIC 2065						
1947	36.5	34.2	50.7	138.7	147.9	99.9	50.6
1950	34.3	35.0	31.4	147.5	144.4	161.2	50.6
1955	42.6	42.9	41.2	121.6	120.7	125.6	51.8
1960	52.3	52.4	51.6	115.8	115.6	117.5	60.6
1961	52.2	52.0	53.0	117.6	118.0	115.9	61.4
1962	53.2	53.1	53.8	118.2	118.5	116.9	62.9
1963	58.8	57.3	66.0	112.0	115.0	99.8	65.9
1964	59.9	58.3	67.6	115.0	118.2	101.9	68.9
1965	62.4	60.3	73.9	115.0	119.1	97.1	71.8
1966	64.9	62.9	75.1	115.8	119.5	100.1	75.2
1967	66.8	64.3	80.3	118.1	122.7	98.3	78.9
1968	69.9	67.5	82.4	116.9	121.0	99.2	81.7
1969	65.2	63.2	75.1	118.8	122.5	103.0	77.4
1970	69.7	68.7	73.9	119.2	120.9	112.4	83.1
1971	76.6	76.5	76.7	114.6	114.7	114.5	87.8
1972	85.9	85.5	87.5	107.1	107.6	105.2	92.0
1973	91.7	95.4	78.2	106.6	102.5	125.0	97.8
1974	99.5	102.1	89.4	102.7	100.1	114.3	102.2
1975	90.8	94.6	77.3	94.7	90.9	111.2	86.0
1976	84.9	86.7	77.5	99.9	97.8	109.4	84.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978[2]	107.9	105.7	118.4	97.9	99.9	89.2	105.6
Rates of change[3]							
1947-78	3.7	3.8	3.4	-1.0	-1.0	-.7	2.7

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Malt beverages SIC 2082						
1947	19.9	19.3	21.5	209.3	215.6	193.7	41.7
1950	21.8	23.3	18.7	191.1	179.0	222.5	41.7
1955	24.4	26.1	21.0	184.3	172.7	214.5	45.0
1960	30.9	32.6	27.4	155.1	147.2	175.4	48.0
1961	32.5	34.2	28.6	151.0	143.2	171.5	49.0
1962	34.1	35.7	30.5	147.1	140.6	164.5	50.2
1963	37.4	39.1	33.8	139.7	133.9	154.7	52.3
1964	40.2	42.1	35.9	138.2	131.9	154.7	55.5
1965	42.3	44.5	37.3	135.6	128.8	153.8	57.3
1966	44.5	47.1	38.7	136.1	128.4	156.2	60.5
1967	47.4	50.2	41.7	132.8	125.6	151.1	63.0
1968	51.4	53.1	47.5	129.2	125.1	139.7	66.4
1969	54.9	57.2	49.9	126.4	121.4	139.1	69.4
1970	56.7	59.9	50.0	128.3	121.5	145.5	72.8
1971	59.4	64.4	49.6	127.0	117.1	152.1	75.4
1972	66.1	71.0	56.3	117.5	109.4	138.1	77.7
1973	73.7	75.6	69.1	112.6	109.8	120.1	83.0
1974	76.4	77.9	72.7	115.8	113.6	121.8	88.5
1975	86.1	88.0	82.2	106.8	104.6	111.9	92.0
1976	95.5	97.5	90.8	99.1	97.0	104.2	94.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.0	99.8	100.3	104.9	105.1	104.6	104.9
1979	107.4	106.7	109.5	99.8	100.5	97.9	107.2
1980	112.1	112.1	112.1	99.2	99.2	99.2	111.2
1981	113.0	116.0	106.0	99.3	96.7	105.8	112.2
1982[2]	112.7	116.2	104.6	100.2	97.2	107.9	112.9
Rates of change[3]							
1947-82	5.8	5.7	6.1	-2.3	-2.2	-2.6	3.3
1977-82	2.9	3.6	1.2	-.5	-1.2	1.2	2.4
	Bottled and canned soft drinks SIC 2086						
1958	57.7	50.4	62.9	74.5	85.3	68.4	43.0
1960	58.4	51.7	63.0	78.8	89.0	73.0	46.0
1961	60.7	54.2	65.2	78.2	87.7	72.8	47.5
1962	65.1	58.5	69.6	78.8	87.7	73.7	51.3
1963	67.1	59.2	72.6	81.4	92.3	75.2	54.6
1964	67.3	60.1	72.2	84.7	94.8	79.0	57.0
1965	67.8	60.9	72.5	87.3	97.2	81.7	59.2
1966	68.2	59.4	74.5	92.5	106.3	84.7	63.1
1967	66.6	58.5	72.2	94.2	107.2	86.9	62.7
1968	72.1	64.3	77.5	93.7	105.2	87.2	67.6
1969	69.7	64.0	73.5	96.4	105.0	91.4	67.2
1970	70.0	65.5	72.9	96.7	103.3	92.9	67.7
1971	73.9	69.7	76.4	96.5	102.3	93.3	71.3
1972	75.4	72.9	76.9	96.4	99.7	94.5	72.7
1973	78.3	76.7	79.3	97.7	99.7	96.5	76.5
1974	80.2	78.5	81.2	96.1	98.2	94.9	77.1
1975	87.2	86.1	87.7	92.7	93.8	92.1	80.8
1976	94.2	93.5	94.6	97.3	98.1	96.9	91.7
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.5	105.3	104.1	103.4	102.7	103.8	108.1
1979	105.6	109.1	103.6	105.7	102.3	107.7	111.6
1980	109.8	116.4	106.4	104.9	99.0	108.3	115.2
	Bottled and canned soft drinks SIC 2086—Continued						
1981	114.3	125.1	109.0	102.6	93.8	107.6	117.3
1982[2]	117.8	130.6	111.5	101.4	91.4	107.1	119.4
Rates of change[3]							
1958-82	3.0	3.9	2.4	1.4	.4	1.9	4.4
1977-82	3.3	5.6	2.0	.1	-2.1	1.3	3.4
	Total tobacco SIC 2111,2121,2131						
1947	41.8	38.4	87.1	184.5	201.3	88.6	77.2
1950	50.1	46.2	96.7	157.4	170.6	81.6	78.9
1955	52.0	47.9	100.2	161.1	174.8	83.5	83.7
1960	69.7	65.6	108.0	143.0	152.0	92.3	99.7
1961	72.1	68.4	104.4	137.5	145.0	95.0	99.2
1962	74.3	70.9	101.7	133.7	140.1	97.7	99.4
1963	78.4	74.4	112.3	129.6	136.5	90.5	101.6
1964	80.2	75.5	125.1	137.5	146.1	88.2	110.3
1965	83.4	79.2	119.5	128.7	135.6	89.9	107.4
1966	83.2	79.0	119.0	125.7	132.4	87.9	104.6
1967	83.3	79.6	112.3	125.0	130.7	92.7	104.1
1968	86.2	82.3	116.8	123.2	129.0	90.9	106.2
1969	84.8	81.6	108.8	121.4	126.1	94.6	102.9
1970	86.8	83.1	116.4	123.1	128.6	91.8	106.9
1971	91.3	88.0	117.3	114.4	118.8	89.1	104.5
1972	91.6	88.9	110.7	114.0	117.5	94.3	104.4
1973	89.5	87.2	104.4	120.1	123.3	103.0	107.5
1974	92.2	90.4	103.7	113.1	115.4	100.6	104.3
1975	93.9	93.2	97.2	108.7	109.5	105.0	102.1
1976	97.8	96.7	103.3	107.6	108.8	101.8	105.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.8	102.5	104.4	100.0	100.3	98.5	102.8
1979	102.2	103.6	94.5	100.9	99.5	109.1	103.1
1980	102.2	105.2	87.9	101.7	98.8	116.2	103.9
1981	100.6	103.9	84.7	105.9	102.5	125.8	106.5
1982[2]	100.3	103.6	84.7	100.4	97.2	118.9	100.7
Rates of change[3]							
1947-82	2.6	3.0	(4)	-1.7	-2.0	.9	.9
1977-82	-.1	.7	-4.3	.6	-.2	4.9	.4
	Cigarettes, chewing and smoking tobacco SIC 2111,2131						
1947	59.7	55.0	105.8	100.4	108.9	56.6	59.9
1950	68.3	63.1	118.7	92.1	99.7	53.0	62.9
1955	65.9	60.6	122.4	98.8	107.5	53.2	65.1
1960	75.5	70.8	115.5	104.6	111.6	68.4	79.0
1961	77.1	72.6	113.5	104.7	111.1	71.1	80.7
1962	77.4	73.5	106.3	103.9	109.4	75.6	80.4
1963	80.9	76.3	116.1	102.4	108.5	71.3	82.8
1964	79.7	75.1	115.0	103.0	109.3	71.4	82.1
1965	83.3	78.8	117.1	100.3	106.0	71.3	83.5
1966	83.3	79.2	114.3	101.4	106.7	73.9	84.5
1967	84.6	80.3	117.2	101.4	106.8	73.2	85.8
1968	87.6	83.2	120.4	99.1	104.3	72.1	86.8
1969	83.9	80.4	108.6	100.7	105.1	77.8	84.5
1970	85.3	81.1	116.1	103.9	109.2	76.3	88.6

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Cigarettes, chewing and smoking tobacco—Continued						
1971	89.3	85.9	112.9	98.3	102.2	77.8	87.8
1972	89.8	86.5	111.4	101.9	105.8	82.1	91.5
1973	88.7	86.2	103.4	110.2	113.4	94.6	97.8
1974	89.9	88.2	99.3	106.9	108.9	96.8	96.1
1975	93.3	92.5	97.6	105.3	106.2	100.6	98.2
1976	96.7	95.4	103.8	107.4	108.9	100.1	103.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	103.8	103.8	104.1	100.3	100.3	100.0	104.1
1979	102.1	103.7	94.4	103.2	101.6	111.7	105.4
1980	101.1	104.1	87.8	105.7	102.7	121.7	106.9
1981	98.9	102.2	84.6	111.2	107.6	130.0	110.0
1982[2]	98.5	101.6	85.1	105.8	102.6	122.5	104.2
Rates of change[3]							
1947-82	1.4	1.8	-.7	.3	(4)	2.5	1.8
1977-82	-.7	.1	-4.2	1.8	1.0	5.5	1.1
	Cigars SIC 2121						
1947	25.7	24.9	39.9	640.0	661.3	412.9	164.6
1950	32.0	31.2	43.7	511.1	523.7	374.2	163.6
1955	35.8	35.0	45.7	498.7	509.0	390.3	178.3
1960	58.6	58.4	61.0	351.6	352.9	337.8	206.1
1961	62.1	62.6	57.5	315.2	312.7	340.5	195.7
1962	66.5	67.1	60.5	295.9	293.5	325.2	196.8
1963	71.6	71.7	68.8	276.7	276.1	287.7	198.0
1964	79.1	77.6	98.3	323.5	329.9	260.4	255.9
1965	81.5	81.5	81.6	282.5	282.5	282.1	230.2
1966	80.6	79.8	89.9	257.5	259.9	230.8	207.5
1967	78.0	79.2	67.4	253.2	249.4	293.3	197.6
1968	80.9	81.8	72.5	254.4	251.6	283.6	205.7
1969	84.4	85.6	74.0	233.7	230.4	266.6	197.2
1970	88.4	89.4	80.2	227.3	224.9	250.7	201.0
1971	93.7	93.8	92.8	201.8	201.5	203.8	189.1
1972	93.8	95.6	77.1	179.7	176.3	218.8	168.6
1973	89.5	90.2	82.7	173.7	172.3	188.0	155.5
1974	96.9	96.3	103.4	147.1	147.9	137.8	142.5
1975	93.7	95.2	79.9	127.8	125.9	149.9	119.8
1976	99.9	100.7	92.3	108.6	107.7	117.6	108.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	98.2	96.8	116.2	98.6	100.0	83.3	96.8
1979	103.7	103.1	110.2	88.5	89.0	83.3	91.8
1980	110.3	110.8	105.8	79.9	79.5	83.3	88.1
1981	112.5	113.2	104.9	77.7	77.2	83.3	87.4
1982[2]	113.0	114.8	97.0	71.5	70.4	83.3	80.8
Rates of change[3]							
1947-82	4.5	4.6	3.1	-6.0	-6.1	-4.8	-1.8
1977-82	3.1	3.6	-1.4	-6.9	-7.3	-2.6	-4.0
	Hosiery SIC 2251,2252						
1947	18.9	18.1	30.0	238.9	248.6	150.5	45.1
1950	20.8	20.1	28.9	241.8	249.2	173.8	50.2
1955	23.5	23.0	30.3	215.3	220.5	167.5	50.7
	Hosiery SIC 2251,2252—Continued						
1960	30.3	29.7	37.0	177.7	181.2	145.8	53.9
1961	33.1	32.7	37.8	178.0	180.4	156.0	59.0
1962	34.3	33.9	38.8	176.5	178.5	155.9	60.5
1963	38.8	38.1	46.3	161.7	164.5	135.4	62.7
1964	41.4	40.6	50.4	160.7	164.0	132.2	66.6
1965	41.4	40.6	50.4	169.6	172.8	139.4	70.2
1966	45.5	44.8	53.2	170.1	172.8	145.6	77.4
1967	51.1	50.7	56.0	167.8	169.2	153.1	85.8
1968	47.9	47.7	49.9	176.8	177.3	169.7	84.6
1969	55.2	55.0	57.1	186.1	186.6	179.8	102.7
1970	65.5	65.8	63.6	169.3	168.5	174.3	110.9
1971	61.8	63.2	52.6	149.2	146.0	175.2	92.2
1972	71.2	72.6	61.5	140.9	138.2	163.2	100.3
1973	74.6	76.4	63.1	130.4	127.4	154.1	97.3
1974	84.0	85.9	71.0	105.4	103.0	124.7	88.5
1975	94.3	96.4	79.8	96.3	94.2	113.8	90.8
1976	106.4	107.9	96.7	95.0	93.7	104.6	101.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.4	101.9	97.9	104.5	104.0	108.3	106.0
1979	106.5	108.4	92.2	110.4	108.5	127.5	117.6
1980	105.3	108.1	85.8	109.9	107.0	134.9	115.7
1981	118.6	122.1	94.0	107.7	104.6	135.8	127.7
1982[2]	115.0	119.2	87.6	102.0	98.4	133.9	117.3
Rates of change[3]							
1947-82	6.1	6.2	4.4	-2.7	-2.8	-1.1	3.2
1977-82	3.4	4.1	-2.4	.5	-.2	6.5	3.9
	Nonwool yarn mills SIC 2281						
1958	59.5	58.7	71.9	66.2	67.1	54.8	39.4
1960	65.3	64.2	82.0	65.1	66.2	51.8	42.5
1961	71.4	70.4	87.1	63.2	64.1	51.8	45.1
1962	74.7	73.6	94.0	65.2	66.2	51.8	48.7
1963	76.3	74.7	106.1	65.9	67.3	47.4	50.3
1964	80.6	79.9	91.3	71.2	71.8	62.9	57.4
1965	84.6	83.2	108.1	78.6	79.9	61.5	66.5
1966	81.8	79.9	120.2	81.5	83.5	55.5	66.7
1967	77.5	76.1	102.8	79.6	81.1	60.0	61.7
1968	80.2	78.9	102.4	85.0	86.4	66.6	68.2
1969	84.5	83.3	105.7	88.0	89.3	70.4	74.4
1970	84.3	83.6	96.7	84.1	84.8	73.3	70.9
1971	90.3	89.5	101.6	90.8	91.6	80.7	82.0
1972	91.0	90.2	105.3	100.2	101.1	86.6	91.2
1973	85.0	84.1	99.2	104.6	105.7	89.6	88.9
1974	89.1	89.4	87.1	96.3	96.0	98.5	85.8
1975	101.2	102.0	92.6	81.2	80.6	88.8	82.2
1976	93.5	93.1	100.1	95.9	96.3	89.6	89.7
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.2	104.1	105.4	99.6	99.7	98.5	103.8
1979	103.9	103.8	106.1	95.3	95.4	93.3	99.0
1980	99.8	100.5	91.4	93.0	92.3	101.5	92.8
1981	103.2	104.1	92.4	88.2	87.4	98.5	91.0
1982[2]	103.1	106.0	76.4	77.4	75.3	104.4	79.8

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Nonwool yarn mills SIC 2281—Continued						
Rates of change[3]							
1958-82	2.1	2.2	0.3	1.7	1.5	3.5	3.8
1977-82	.2	.7	–5.3	–4.7	–5.1	.9	–4.4
	Sawmills and planing mills, general SIC 2421						
1958	65.2	66.7	55.3	131.9	129.0	155.6	86.0
1960	67.1	65.4	86.1	133.6	137.0	104.1	89.6
1961	73.1	71.1	94.9	117.4	120.7	90.4	85.8
1962	76.4	74.0	104.4	116.1	119.8	85.0	88.7
1963	79.7	79.0	86.1	114.4	115.4	105.9	91.2
1964	84.7	84.3	87.4	111.8	112.3	108.3	94.7
1965	81.8	80.9	89.8	112.5	113.7	102.5	92.0
1966	82.7	81.6	93.0	108.4	109.8	96.3	89.6
1967	89.2	87.2	111.1	99.9	102.2	80.2	89.1
1968	91.5	90.0	106.1	98.6	100.2	85.0	90.2
1969	90.7	89.5	101.8	99.0	100.3	88.2	89.8
1970	90.0	90.1	89.2	97.0	96.9	97.9	87.3
1971	98.1	97.3	105.2	94.9	95.7	88.5	93.1
1972	107.6	106.8	114.1	95.0	95.7	89.6	102.2
1973	100.2	99.6	106.0	99.0	99.6	93.6	99.2
1974	95.4	95.9	91.5	96.7	96.2	100.9	92.3
1975	98.8	98.9	98.1	89.2	89.1	89.8	88.1
1976	103.2	103.1	103.2	95.5	95.6	95.5	98.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.4	102.1	96.0	97.2	96.6	102.7	98.6
1979	104.6	105.5	97.3	98.3	97.4	105.6	102.8
1980	101.8	105.1	80.5	97.1	94.0	122.8	98.8
1981	104.5	107.6	83.6	89.0	86.4	111.3	93.0
1982[2]	109.1	113.7	81.5	77.7	74.6	104.0	84.8
Rates of change[3]							
1958-82	2.0	2.2	.4	–1.6	–1.8	–.1	.4
1977-82	1.4	2.3	–4.5	–4.3	–5.1	1.7	–2.9
	Millwork SIC 2431						
1958	75.6	77.0	70.7	77.4	76.0	82.8	58.5
1960	73.2	74.8	67.7	76.1	74.5	82.3	55.7
1961	76.9	78.1	72.6	73.6	72.5	78.0	56.6
1962	78.1	78.8	76.3	76.4	75.8	78.2	59.7
1963	86.0	86.0	86.5	79.2	79.2	78.7	68.1
1964	86.0	85.9	87.2	80.5	80.6	79.4	69.2
1965	85.8	86.1	85.2	81.8	81.5	82.4	70.2
1966	82.7	84.0	78.4	80.5	79.3	84.9	66.6
1967	92.6	93.3	90.1	78.4	77.8	80.6	72.6
1968	93.9	93.7	96.0	83.8	84.0	82.0	78.7
1969	96.3	96.6	95.7	83.5	83.2	84.0	80.4
1970	95.9	97.6	89.7	80.4	79.0	86.0	77.1
1971	95.9	95.3	99.3	87.6	88.1	84.6	84.0
1972	107.2	104.5	121.6	96.6	99.1	85.2	103.6
1973	102.3	101.6	106.7	102.3	103.1	98.1	104.7
1974	92.7	94.4	85.5	91.3	89.6	99.0	84.6
	Millwork SIC 2431—Continued						
1975	100.2	102.6	90.9	83.9	82.0	92.5	84.1
1976	99.1	99.6	97.3	93.3	92.9	95.1	92.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	90.4	90.3	90.7	105.0	105.1	104.6	94.9
1979	92.3	93.6	86.6	102.5	101.1	109.2	94.6
1980	92.7	96.2	79.5	93.0	89.6	108.4	86.2
1981[2]	96.9	100.2	83.6	89.6	86.6	103.8	86.8
Rates of change[3]							
1958-81	1.2	1.3	1.1	1.2	1.2	1.4	2.5
1977-81	–.4	.7	–4.8	–3.4	–4.4	1.1	–3.7
	Veneer and plywood SIC 2435,2436						
1958	41.7	40.4	55.2	82.2	84.8	62.1	34.3
1960	49.3	47.7	67.7	86.6	89.5	63.1	42.7
1961	53.9	52.2	74.2	86.2	89.1	62.7	46.5
1962	58.3	56.1	86.1	93.6	97.3	63.4	54.6
1963	60.7	58.3	90.5	92.8	96.6	62.2	56.3
1964	62.6	60.4	89.1	99.0	102.7	69.6	62.0
1965	64.0	62.1	85.6	106.5	109.8	79.7	68.2
1966	64.3	62.5	83.3	112.8	116.0	87.0	72.5
1967	69.9	68.5	82.6	101.5	103.5	85.8	70.9
1968	73.5	71.7	91.1	105.1	107.7	84.7	77.2
1969	73.2	71.9	86.2	103.7	105.6	88.0	75.9
1970	83.2	83.0	83.7	94.4	94.6	93.8	78.5
1971	87.6	87.3	90.8	100.8	101.2	97.3	88.3
1972	89.8	88.8	98.7	106.6	107.8	97.0	95.7
1973	87.5	87.5	86.3	107.6	107.5	109.1	94.1
1974	87.8	88.8	80.7	95.4	94.4	103.9	83.8
1975	97.8	99.9	83.2	82.3	80.6	96.8	80.5
1976	97.9	98.1	96.3	94.5	94.3	96.1	92.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.7	102.2	97.5	104.2	103.7	108.7	106.0
1979	94.6	96.4	81.7	102.3	100.4	118.5	96.8
1980	102.7	105.8	82.9	85.7	83.2	106.2	88.0
1981[2]	107.8	109.1	98.1	83.1	82.1	91.3	89.6
Rates of change[3]							
1958-81	3.9	4.2	1.2	.1	–.2	2.7	4.0
1977-81	1.6	2.1	–2.0	–5.5	–6.0	–2.0	–4.0
	Hardwood veneer and plywood SIC 2435						
1972	84.9	83.5	97.0	121.3	123.3	106.2	103.0
1973	80.5	78.8	95.5	121.8	124.3	102.6	98.0
1974	83.4	81.7	99.6	106.4	108.6	89.1	88.7
1975	92.5	92.4	93.5	83.6	83.7	82.7	77.3
1976	89.1	88.7	93.2	93.9	94.4	89.8	83.7
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.7	99.8	107.7	103.4	104.3	96.7	104.1
1979	97.8	97.7	98.9	104.5	104.6	103.3	102.2
1980	104.1	104.9	97.9	91.0	90.3	96.7	94.7
1981[2]	102.2	103.6	92.8	93.8	92.6	103.3	95.9

See footnotes at end of table.

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Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Hardwood veneer and plywood SIC 2435—Continued						
Rates of change[3]							
1972-81	2.8	3.2	0.1	-2.2	-2.6	0.4	0.5
1977-81	.8	1.2	-2.4	-2.5	-2.9	.7	-1.8
	Softwood veneer and plywood SIC 2436						
1972	93.5	92.7	100.4	98.5	99.3	91.7	92.1
1973	92.4	93.8	81.7	99.8	98.3	112.9	92.2
1974	91.1	93.9	72.3	89.4	86.7	112.6	81.4
1975	100.5	104.1	78.1	81.7	78.9	105.1	82.1
1976	102.1	102.8	97.1	94.9	94.3	99.8	96.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.1	103.4	92.3	104.6	103.3	115.7	106.8
1979	93.4	96.3	74.1	101.1	98.0	127.4	94.4
1980	102.7	107.1	75.9	82.7	79.3	111.8	84.9
1981[2]	112.4	113.6	103.0	77.2	76.4	84.3	86.8
Rates of change[3]							
1972-81	1.6	1.7	.2	-1.3	-1.4	([4])	.3
1977-81	2.4	2.9	-1.4	-7.2	-7.7	-3.7	-5.0
	Household furniture SIC 251						
1958	65.8	66.2	64.6	78.1	77.7	79.6	51.4
1960	67.1	66.4	72.0	83.5	84.4	77.8	56.0
1961	67.7	66.9	72.8	79.8	80.7	74.2	54.0
1962	69.8	68.6	77.7	85.0	86.5	76.3	59.3
1963	73.1	72.0	80.5	86.3	87.6	78.4	63.1
1964	74.6	73.6	81.1	90.3	91.6	83.1	67.4
1965	77.2	75.6	88.3	94.2	96.2	82.3	72.7
1966	78.7	77.0	90.4	98.1	100.2	85.4	77.2
1967	78.9	77.2	90.3	93.7	95.7	81.8	73.9
1968	80.7	79.8	87.3	97.8	98.9	90.4	78.9
1969	81.6	80.6	87.8	99.8	101.0	92.7	81.4
1970	82.2	82.2	82.9	94.7	94.6	93.9	77.8
1971	86.5	86.3	88.3	96.8	97.0	94.8	83.7
1972	94.3	93.7	98.1	105.2	105.9	101.1	99.2
1973	97.3	94.7	117.8	107.6	110.6	88.9	104.7
1974	95.7	95.9	95.2	100.6	100.4	101.2	96.3
1975	97.5	98.4	92.6	83.6	82.8	88.0	81.5
1976	99.7	100.2	97.3	92.8	92.3	95.1	92.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.6	104.7	104.2	103.4	103.3	103.8	108.2
1979	101.3	102.1	96.6	102.6	101.8	107.6	103.9
1980	99.7	101.6	89.9	97.2	95.4	107.8	96.9
1981	102.6	104.3	93.0	93.9	92.3	103.5	96.3
1982[2]	110.2	114.5	89.6	82.2	79.1	101.1	90.6
Rates of change[3]							
1958-82	2.2	2.4	1.4	.6	.5	1.5	2.8
1977-82	1.2	1.9	-2.7	-3.7	-4.4	.1	-2.6

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Wood household furniture SIC 2511,2517						
1958	66.4	65.9	69.2	74.6	75.1	71.5	49.5
1960	67.9	66.4	80.5	80.9	82.7	68.2	54.9
1961	68.3	66.9	78.9	77.2	78.8	66.8	52.7
1962	70.5	68.7	86.0	84.2	86.4	69.1	59.4
1963	74.8	73.0	91.7	87.0	89.2	71.0	65.1
1964	76.4	74.7	90.8	91.0	93.1	76.5	69.5
1965	78.9	76.5	101.2	94.9	97.9	74.0	74.9
1966	81.0	78.6	102.4	99.6	102.7	78.8	80.7
1967	81.1	78.8	100.5	95.1	97.8	76.7	77.1
1968	83.3	81.6	96.8	97.5	99.5	83.9	81.2
1969	85.9	84.5	97.4	99.0	100.6	87.3	85.0
1970	83.5	83.0	86.6	90.9	91.4	87.6	75.9
1971	89.5	89.0	92.7	94.1	94.6	90.8	84.2
1972	98.8	98.1	104.5	103.3	104.1	97.7	102.1
1973	103.9	98.4	179.9	103.2	108.9	59.6	107.2
1974	99.8	100.3	95.6	100.4	99.9	104.8	100.2
1975	98.0	99.5	87.2	83.1	81.8	93.4	81.4
1976	101.3	102.1	94.4	95.6	94.8	102.5	96.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.9	105.8	98.0	104.5	103.6	111.8	109.6
1979	101.5	103.1	90.5	98.1	96.6	110.0	99.6
1980	97.1	99.7	80.6	93.1	90.7	112.1	90.4
1981[2]	97.0	99.0	83.4	92.0	90.1	106.9	89.2
Rates of change[3]							
1958-81	2.1	2.3	.7	.9	.7	2.3	3.0
1977-81	-1.4	-.8	-5.4	-2.8	-3.4	1.4	-4.1
	Upholstered household furniture SIC 2512						
1958	71.7	72.2	69.7	67.6	67.2	69.6	48.5
1960	72.6	72.3	74.6	75.1	75.4	73.1	54.5
1961	74.1	72.5	84.1	71.3	72.8	62.8	52.8
1962	74.9	73.2	85.3	76.8	78.5	67.4	57.5
1963	76.3	75.6	81.1	76.1	76.9	71.6	58.1
1964	78.2	77.3	83.2	80.2	81.1	75.4	62.7
1965	80.2	78.8	88.9	83.9	85.4	75.7	67.3
1966	81.9	80.5	91.1	86.4	87.9	77.7	70.8
1967	80.3	78.8	90.3	83.9	85.5	74.6	67.4
1968	80.9	79.4	90.7	90.1	91.8	80.4	72.9
1969	80.1	79.1	86.8	93.7	95.0	86.5	75.1
1970	84.4	83.5	90.1	93.5	94.5	87.6	78.9
1971	84.6	83.4	92.7	95.5	96.9	87.2	80.8
1972	89.8	88.8	95.3	108.0	109.2	101.8	97.0
1973	91.3	90.8	94.1	109.6	110.2	106.4	100.1
1974	91.9	31.1	96.0	100.3	101.2	96.0	92.2
1975	97.2	96.6	100.9	83.6	84.2	80.6	81.3
1976	98.1	97.6	101.7	89.3	89.8	86.1	87.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	108.8	108.0	113.1	102.3	103.1	98.4	111.3
1979	104.9	103.8	111.5	108.0	109.2	101.6	113.3
1980	101.9	102.3	100.1	103.3	102.9	105.2	105.3
1981[2]	110.1	110.6	106.7	93.5	93.0	96.4	102.9

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
Upholstered household furniture SIC 2512—Continued							
Rates of change[3]							
1958-81	1.9	1.9	1.6	1.7	1.6	2.0	3.6
1977-81	1.3	1.5	.1	-1.2	-1.5	-.1	(4)
Metal household furniture SIC 2514							
1958	66.7	67.5	63.6	94.4	93.4	99.1	63.0
1960	64.6	63.4	71.3	100.2	102.1	90.8	64.7
1961	65.6	64.4	72.3	93.0	94.7	84.4	61.0
1962	68.9	67.2	78.1	90.6	92.8	79.9	62.4
1963	73.8	72.8	78.4	91.6	92.8	86.2	67.6
1964	74.2	73.1	80.2	98.1	99.6	90.8	72.8
1965	77.5	76.5	82.4	97.6	98.8	91.7	75.6
1966	75.8	75.3	78.2	99.3	100.0	96.3	75.3
1967	78.4	77.3	83.9	96.2	97.5	89.9	75.4
1968	81.1	81.8	78.2	100.0	99.2	103.7	81.1
1969	81.6	80.7	86.0	100.5	101.6	95.4	82.0
1970	85.6	86.5	81.5	98.7	97.7	103.7	84.5
1971	87.0	87.7	83.7	97.1	96.3	100.9	84.5
1972	94.0	93.4	97.2	103.4	104.1	100.0	97.2
1973	94.3	93.4	99.3	113.0	114.1	107.4	106.6
1974	90.1	91.2	85.6	105.5	104.3	111.1	95.1
1975	94.1	96.9	83.3	83.6	81.2	94.5	78.7
1976	96.3	97.7	90.3	92.1	90.8	98.2	88.7
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	97.4	96.6	101.1	103.8	104.7	100.0	101.1
1979	89.9	90.8	85.8	105.9	104.8	111.0	95.2
1980	93.1	92.9	93.9	94.4	94.6	93.6	87.9
1981[2]	97.9	98.6	95.1	90.9	90.3	93.6	89.0
Rates of change[3]							
1958-81	2.0	2.1	1.4	.1	(4)	.7	2.0
1977-81	-.9	-.7	-1.7	-2.8	-3.0	-2.0	-3.7
Mattresses and bedsprings SIC 2515							
1958	51.2	50.0	55.1	119.2	121.9	110.8	61.0
1960	53.2	52.7	54.8	115.9	117.0	112.5	61.7
1961	53.1	53.2	52.3	115.9	115.6	117.5	61.5
1962	55.5	55.4	55.6	120.2	120.4	119.9	66.7
1963	57.5	56.9	59.4	115.3	116.5	111.6	66.3
1964	59.1	58.8	59.8	116.3	116.8	114.9	68.7
1965	61.3	60.2	65.2	122.2	124.5	114.9	74.9
1966	62.4	60.6	69.1	122.8	126.5	110.8	76.6
1967	64.1	62.2	71.0	118.1	121.7	106.6	75.7
1968	66.8	65.9	69.6	124.9	126.5	119.9	83.4
1969	64.9	63.7	68.8	128.9	131.3	121.6	83.7
1970	67.7	67.2	69.0	120.4	121.2	118.2	81.5
1971	75.4	74.3	78.9	122.9	124.7	117.5	92.7
1972	83.5	82.3	87.6	118.1	119.8	112.5	98.6
1973	88.4	86.1	96.8	124.9	128.2	114.1	110.4
1974	94.3	92.4	100.8	103.3	105.4	96.6	97.4
1975	96.9	94.9	104.2	91.4	93.4	85.0	88.6
Mattresses and bedsprings SIC 2515—Continued							
1976	99.2	98.3	101.9	95.9	96.7	93.3	95.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.4	100.1	105.9	98.4	99.7	94.2	99.8
1979	102.6	103.6	99.4	108.2	107.1	111.7	111.0
1980	111.9	114.5	103.8	102.1	99.7	110.0	114.2
1981[2]	113.7	116.7	105.0	104.7	102.0	113.3	119.0
Rates of change[3]							
1958-81	3.9	4.0	3.6	-.9	-1.0	-.6	2.9
1977-81	3.6	4.5	.8	1.3	.4	4.1	4.9
Office furniture SIC 252							
1958	64.0	62.0	73.2	51.7	53.4	45.2	33.1
1960	70.4	67.0	86.2	56.0	58.8	45.7	39.4
1961	72.5	69.8	84.0	53.0	55.0	45.7	38.4
1962	74.4	71.5	88.1	56.6	58.9	47.8	42.1
1963	75.9	72.7	90.3	60.1	62.7	50.5	45.6
1964	82.1	80.0	90.9	61.9	63.5	55.9	50.8
1965	84.2	81.1	98.1	68.3	70.9	58.6	57.5
1966	86.7	83.0	103.5	78.3	81.8	65.6	67.9
1967	86.5	84.2	96.0	80.6	82.8	72.6	69.7
1968	85.2	84.8	86.8	83.2	83.6	81.7	70.9
1969	88.0	89.2	84.1	92.5	91.3	96.8	81.4
1970	78.2	79.4	74.0	86.4	85.1	91.4	67.6
1971	83.9	86.6	75.3	77.2	74.8	86.0	64.8
1972	91.8	91.7	92.1	90.1	90.2	89.8	82.7
1973	90.6	89.9	93.0	96.6	97.3	94.1	87.5
1974	83.1	80.7	93.5	99.8	102.7	88.7	82.9
1975	85.5	87.4	78.8	79.8	78.0	86.6	68.2
1976	89.7	91.2	84.4	84.5	83.1	89.8	75.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.1	99.6	102.1	108.0	108.5	105.9	108.1
1979	107.3	106.6	109.9	112.9	113.6	110.2	121.1
1980	112.5	118.3	95.2	115.6	110.0	136.6	130.1
1981[2]	109.1	112.7	97.7	120.8	116.9	134.9	131.8
Rates of change[3]							
1958-81	1.9	2.2	.6	3.6	3.3	4.9	5.6
1977-81	3.0	4.2	-1.2	4.6	3.3	8.9	7.7
Wood office furniture SIC 2521							
1958	67.1	62.5	98.0	36.5	39.2	25.0	24.5
1960	68.0	63.7	96.1	40.0	42.7	28.3	27.2
1961	70.5	66.1	97.2	39.0	41.6	28.3	27.5
1962	69.9	64.8	104.2	42.2	45.5	28.3	29.5
1963	80.4	74.5	121.9	42.9	46.3	28.3	34.5
1964	84.5	79.2	116.7	43.8	46.7	31.7	37.0
1965	82.8	78.8	105.7	48.9	51.4	38.3	40.5
1966	85.9	81.5	112.5	50.2	52.9	38.3	43.1
1967	88.1	83.2	116.8	53.0	56.1	40.0	46.7
1968	87.7	83.3	113.9	56.2	59.2	43.3	49.3
1969	91.9	88.8	108.4	62.9	65.1	53.3	57.8
1970	83.9	79.6	109.6	61.0	64.3	46.7	51.2

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
Wood office furniture SIC 2521—Continued							
1971	81.2	78.3	96.9	53.7	55.7	45.0	43.6
1972	84.5	81.1	102.8	73.0	76.1	60.0	61.7
1973	78.5	74.9	98.5	77.5	81.2	61.7	60.8
1974	83.0	78.4	109.7	81.6	86.3	61.7	67.7
1975	80.5	78.3	91.6	66.3	68.2	58.3	53.4
1976	81.9	79.2	96.0	76.2	78.8	65.0	62.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.7	103.3	91.0	107.0	104.3	118.3	107.7
1979	110.7	113.9	98.7	126.3	122.7	141.7	139.8
1980	109.2	117.4	84.0	116.8	108.6	151.7	127.5
1981[2]	99.4	102.9	86.7	120.6	116.5	138.3	119.9
Rates of change[3]							
1958-81	1.7	2.1	-.7	5.5	5.0	8.1	7.3
1977-81	.7	1.9	-3.6	4.7	3.5	9.4	5.5
Metal office furniture SIC 2522							
1958	64.5	62.7	71.7	60.0	61.7	54.0	38.7
1960	72.7	69.3	87.4	64.9	68.1	54.0	47.2
1961	74.7	72.5	84.3	60.9	62.8	54.0	45.5
1962	77.9	75.4	88.1	64.6	66.7	57.1	50.3
1963	75.9	73.4	86.7	69.8	72.2	61.1	53.0
1964	82.9	81.5	88.6	72.1	73.4	67.5	59.8
1965	86.3	83.2	99.3	79.4	82.3	69.0	68.5
1966	88.3	84.5	104.9	94.3	98.6	79.4	83.3
1967	87.6	85.6	95.6	96.1	98.4	88.1	84.2
1968	86.2	86.4	85.3	98.2	97.9	99.2	84.6
1969	88.5	90.5	82.2	109.1	106.7	117.5	96.6
1970	78.0	80.8	69.7	100.7	97.2	112.7	78.5
1971	86.4	90.8	74.0	90.4	86.0	105.6	78.1
1972	96.7	97.9	92.6	99.6	98.4	104.0	96.3
1973	97.9	98.2	96.4	107.1	106.7	108.7	104.8
1974	84.5	82.7	91.4	110.0	112.4	101.6	92.9
1975	88.9	92.8	77.7	87.4	83.7	100.0	77.7
1976	94.8	98.6	83.7	89.0	85.6	100.8	84.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.9	97.7	108.4	108.5	111.0	100.0	108.4
1979	104.8	102.1	115.2	105.5	108.3	96.0	110.6
1980	114.4	118.6	101.5	114.9	110.8	129.4	131.4
1981[2]	114.7	118.2	103.9	120.8	117.2	133.3	138.5
Rates of change[3]							
1958-81	1.9	2.2	.9	2.8	2.5	3.9	4.8
1977-81	4.2	5.4	.1	4.4	3.2	8.7	8.8
Paper, paperboard and pulp mills SIC 2611,2621,2631,2661							
1947	32.4	29.4	59.1	97.9	108.0	53.6	31.7
1950	38.1	35.0	62.6	96.3	104.8	58.6	36.7
1955	43.2	40.4	62.4	107.3	114.9	74.4	46.4
1960	50.6	48.8	59.8	108.3	112.2	91.6	54.8
1961	53.9	52.2	62.3	104.9	108.3	90.7	56.5
1962	56.0	54.2	65.4	106.3	109.8	91.0	59.5
1963	59.3	57.4	68.7	105.8	109.2	91.3	62.7
Paper, paperboard and pulp mills—Continued							
1964	62.3	60.3	73.1	107.0	110.6	91.3	66.7
1965	65.4	63.7	74.6	107.9	110.9	94.7	70.6
1966	68.7	66.9	78.1	110.8	113.8	97.5	76.1
1967	67.6	66.1	75.0	112.2	114.8	101.2	75.9
1968	71.9	69.9	82.3	113.5	116.8	99.2	81.6
1969	74.8	72.5	86.0	114.9	118.5	99.9	85.9
1970	77.5	75.8	85.7	109.8	112.2	99.3	85.1
1971	81.0	80.1	85.1	106.2	107.3	101.0	86.0
1972	87.9	86.7	93.1	105.6	107.0	99.7	92.8
1973	91.5	90.2	98.3	106.1	107.7	98.8	97.1
1974	91.5	90.5	95.2	105.7	106.8	101.6	96.7
1975	86.7	87.7	82.3	94.7	93.6	99.7	82.1
1976	95.0	95.0	95.1	100.6	100.6	100.5	95.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	103.2	103.7	101.1	99.2	98.7	101.3	102.4
1979	105.4	106.2	102.2	100.6	99.8	103.7	106.0
1980	105.2	106.4	100.5	100.1	99.0	104.8	105.3
1981	105.2	106.3	100.8	98.1	97.1	102.4	103.2
1982[2]	106.6	108.6	99.0	93.4	91.7	100.6	99.6
Rates of change[3]							
1947-82	3.7	4.0	2.1	(4)	-.3	1.6	3.8
1977-82	1.1	1.4	-.2	-1.1	-1.4	.2	(4)
Paper and plastic bags SIC 2643							
1954	55.2	53.0	66.6	69.6	72.4	57.7	38.4
1955	57.9	55.7	69.4	72.6	75.4	60.5	42.0
1960	61.1	60.3	64.9	80.8	81.9	76.1	49.4
1961	65.0	63.8	70.4	80.0	81.5	73.9	52.0
1962	66.7	65.5	72.2	81.1	82.6	74.9	54.1
1963	69.7	68.8	73.6	88.0	89.1	83.3	61.3
1964	69.3	68.7	71.7	91.9	92.7	88.9	63.7
1965	72.7	72.6	73.1	92.1	92.3	91.6	67.0
1966	72.4	71.9	74.6	100.1	100.8	97.2	72.5
1967	75.6	75.2	77.2	97.0	97.5	95.0	73.3
1968	79.7	78.9	83.2	101.5	102.5	97.2	80.9
1969	78.1	78.2	78.0	104.7	104.6	104.9	81.8
1970	75.8	74.4	82.2	110.2	112.2	101.6	83.5
1971	86.2	85.1	91.3	104.0	105.4	98.3	89.7
1972	88.9	88.7	89.4	101.6	101.8	101.0	90.3
1973	94.1	94.3	92.7	102.9	102.6	104.4	96.8
1974	98.6	96.5	108.3	106.8	109.1	97.2	105.3
1975	99.8	100.4	97.4	94.9	94.3	97.2	94.7
1976	100.5	100.1	102.1	102.1	102.5	100.5	102.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.9	99.4	101.8	103.0	103.5	101.1	102.9
1979	97.6	97.6	97.3	107.5	107.5	107.8	104.9
1980	94.0	94.5	92.6	112.6	112.1	114.4	105.9
1981[2]	91.7	92.2	89.8	113.6	113.0	116.1	104.2
Rates of change[3]							
1954-81	2.5	2.6	2.0	1.6	1.5	2.1	4.1
1977-81	-2.3	-2.1	-3.1	3.5	3.3	4.3	1.1

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Folding paperboard boxes SIC 2651						
1963	75.8	75.2	79.2	118.0	119.0	113.0	89.5
1964	77.5	76.8	81.3	115.9	116.9	110.5	89.8
1965	73.5	72.9	76.5	120.2	121.1	115.5	88.3
1966	74.0	73.4	77.1	126.1	127.1	121.0	93.3
1967	81.0	80.9	81.9	114.2	114.3	113.0	92.5
1968	85.8	84.8	91.3	112.2	113.6	105.5	96.3
1969	83.4	82.3	89.6	122.6	124.3	114.2	102.3
1970	77.4	77.1	78.8	109.5	109.8	107.5	84.7
1971	84.5	84.9	83.2	100.9	100.5	102.5	85.3
1972	91.6	91.6	92.5	102.9	103.0	101.9	94.3
1973	92.8	92.6	94.0	102.1	102.3	100.7	94.7
1974	98.4	99.4	94.7	97.0	96.0	100.7	95.4
1975	98.5	100.6	90.3	86.6	84.8	94.5	85.3
1976	102.8	103.7	99.7	92.8	92.0	95.7	95.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.8	103.2	101.4	102.3	101.9	103.7	105.2
1979	101.4	101.1	103.0	102.2	102.5	100.6	103.6
1980	97.1	97.5	95.3	102.4	101.9	104.3	99.4
1981	98.6	98.4	99.8	100.6	100.8	99.4	99.2
1982[2]	102.6	103.3	99.0	93.5	92.8	96.9	95.9
Rates of change[3]							
1963-82	1.9	2.0	1.5	−1.3	−1.4	−.9	.6
1977-82	−.1	([4])	−.5	−1.1	−1.2	−.7	−1.2
	Corrugated and solid fiber board boxes SIC 2653						
1958	49.9	47.9	56.9	72.3	75.4	63.5	36.1
1960	50.6	48.1	59.1	81.5	85.6	69.7	41.2
1961	53.4	50.7	62.8	82.4	86.8	70.1	44.0
1962	54.1	51.1	65.4	86.8	91.9	71.9	47.0
1963	57.7	55.2	66.5	86.3	90.2	74.9	49.8
1964	58.9	56.4	67.5	91.5	95.5	79.8	53.9
1965	60.7	58.2	69.6	96.3	100.5	84.1	58.5
1966	63.2	59.6	76.8	100.9	107.1	83.1	63.8
1967	65.5	62.8	74.3	99.9	104.1	88.0	65.4
1968	67.9	64.7	78.6	104.2	109.2	90.0	70.7
1969	69.3	66.3	79.9	108.9	113.9	94.5	75.5
1970	73.1	70.8	80.4	103.7	107.0	94.3	75.8
1971	77.5	75.9	82.2	102.2	104.4	96.3	79.2
1972	79.6	77.3	87.2	109.9	113.2	100.4	87.5
1973	86.1	83.1	95.6	111.3	115.3	100.2	95.8
1974	92.0	91.8	92.3	98.9	99.1	98.6	91.0
1975	96.2	98.3	90.2	86.6	84.7	92.3	83.3
1976	101.5	101.5	101.5	93.0	93.0	93.0	94.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	103.5	103.1	104.8	103.8	104.2	102.5	107.4
1979	107.1	106.6	108.0	102.1	102.5	101.2	109.3
1980	111.3	113.4	105.5	94.8	93.0	100.0	105.5
1981	110.2	111.6	106.4	96.2	95.0	99.6	106.0
1982[2]	114.7	116.8	108.9	89.9	88.3	94.7	103.1
Rates of change[3]							
1958-82	3.9	4.3	2.9	.8	.5	1.8	4.7
	Corrugated and solid fiber board boxes SIC 2653—Cont.						
1977-82	2.6	3.1	1.3	−2.4	−2.8	−1.1	0.2
	Synthetic fibers SIC 2823,2824						
1957	30.9	30.5	32.0	78.4	79.3	75.6	24.2
1960	32.4	32.5	32.2	76.5	76.3	77.0	24.8
1961	34.8	35.1	34.0	74.9	74.3	76.8	26.1
1962	38.3	37.8	39.9	81.5	82.5	78.2	31.2
1963	37.9	38.4	36.4	87.8	86.7	91.4	33.3
1964	40.4	40.6	39.7	94.5	94.0	96.2	38.2
1965	41.8	41.6	42.1	104.9	105.3	104.0	43.8
1966	42.0	42.8	39.7	113.9	111.6	120.4	47.8
1967	45.0	45.3	44.3	108.2	107.6	109.9	48.7
1968	52.1	51.1	55.4	118.8	121.1	111.8	61.9
1969	52.5	51.8	55.2	122.2	124.0	116.4	64.2
1970	53.8	53.9	53.7	117.4	117.2	117.7	63.2
1971	63.3	62.4	66.5	115.2	116.9	109.7	72.9
1972	73.0	71.1	80.2	116.7	119.9	106.3	85.2
1973	79.5	77.0	88.7	121.1	125.0	108.6	96.3
1974	78.0	77.3	80.1	122.5	123.5	119.2	95.5
1975	84.5	86.9	77.5	101.7	98.8	110.9	85.9
1976	89.5	92.1	82.5	101.4	98.6	110.1	90.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.2	104.7	106.8	99.8	100.3	98.3	105.0
1979	115.0	113.9	118.2	98.3	99.2	95.6	113.0
1980	115.7	117.4	111.0	89.8	88.5	93.6	103.9
1981	120.9	122.7	115.5	86.2	84.9	90.2	104.2
1982[2]	105.4	111.4	90.2	79.0	74.8	92.4	83.3
Rates of change[3]							
1957-82	6.3	6.4	6.1	.8	.8	1.0	7.2
1977-82	2.0	3.0	−1.0	−4.8	−5.7	−1.9	−2.9
	Pharmaceutical preparations SIC 2834						
1963	52.9	49.0	–	69.0	74.5	–	36.5
1964	54.0	49.3	–	73.5	80.6	–	39.7
1965	58.5	53.8	–	76.2	82.9	–	44.6
1966	60.6	55.5	–	80.3	87.7	–	48.7
1967	64.4	59.4	–	80.3	87.1	–	51.7
1968	68.4	63.6	–	82.4	88.7	–	56.4
1969	73.0	66.6	–	86.6	94.9	–	63.2
1970	74.8	70.0	–	91.2	97.4	–	68.2
1971	81.0	80.1	–	91.9	92.9	–	74.4
1972	86.8	85.1	–	90.2	92.0	–	78.3
1973	84.8	84.5	–	96.4	96.7	–	81.7
1974	90.3	89.7	–	95.6	96.2	–	86.3
1975	92.5	94.1	–	95.5	93.8	–	88.3
1976	98.4	98.1	–	97.7	98.0	–	96.1
1977	100.0	100.0	–	100.0	100.0	–	100.0
1978	99.0	100.2	–	104.1	102.9	–	103.1
1979	106.4	103.5	–	99.4	102.2	–	105.8
1980	107.3	106.1	–	100.7	101.9	–	108.1
1981[2]	105.8	106.5	–	102.6	102.0	–	108.6

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Pharmaceutical preparations SIC 2834—Continued						
Rates of change[3]							
1963-81	4.2	4.9	-	2.1	1.4	-	6.4
1977-81	2.0	1.8	-	.2	.3	-	2.1
	Soaps and detergents SIC 2841						
1958	61.6	58.1	69.2	78.1	82.8	69.5	48.1
1960	64.8	60.5	74.5	82.6	88.5	71.8	53.5
1961	65.5	60.6	76.5	86.0	92.9	73.6	56.3
1962	66.5	60.5	81.5	88.1	96.8	71.9	58.6
1963	72.0	64.9	89.8	88.1	97.7	70.6	63.4
1964	72.0	65.5	87.6	91.7	100.7	75.3	66.0
1965	69.9	64.5	82.4	94.2	102.0	79.9	65.8
1966	74.7	69.7	86.0	93.4	100.1	81.2	69.8
1967	79.3	74.2	90.8	93.8	100.3	81.9	74.4
1968	80.3	76.0	89.3	98.3	103.8	88.4	78.9
1969	80.2	77.2	86.3	102.0	105.9	94.8	81.8
1970	83.9	81.9	87.6	102.3	104.7	98.0	85.8
1971	86.1	85.1	87.7	96.5	97.6	94.8	83.1
1972	95.2	92.9	100.1	98.4	100.9	93.6	93.7
1973	100.8	99.4	103.4	99.4	100.8	96.9	100.2
1974	104.7	103.0	107.8	97.5	99.1	94.7	102.1
1975	97.3	95.0	101.7	94.9	97.2	90.8	92.3
1976	100.1	99.2	101.9	97.4	98.3	95.7	97.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.2	102.7	110.1	102.6	105.1	98.0	107.9
1979	104.0	101.3	109.4	104.4	107.2	99.3	108.6
1980	108.4	106.5	111.9	106.7	108.6	103.4	115.7
1981[2]	105.9	102.4	112.8	109.4	113.1	102.7	115.8
Rates of change[3]							
1958-81	2.7	3.0	1.9	1.1	.8	1.9	3.8
1977-81	1.5	.8	2.6	2.2	2.8	1.1	3.7
	Cosmetics and other toiletries SIC 2844						
1958	40.0	39.0	41.7	56.8	58.2	54.5	22.7
1960	45.1	44.1	46.7	59.7	61.0	57.6	26.9
1961	46.9	47.0	46.6	62.1	61.9	62.4	29.1
1962	49.6	49.7	49.6	64.5	64.4	64.5	32.0
1963	57.0	58.1	55.4	67.0	65.7	68.9	38.2
1964	63.8	65.3	61.4	66.8	65.2	69.4	42.6
1965	65.7	66.6	64.5	72.4	71.5	73.8	47.6
1966	65.2	65.1	65.4	79.9	80.0	79.7	52.1
1967	62.5	63.1	61.6	82.9	82.1	84.1	51.8
1968	67.5	67.4	67.7	88.6	88.7	88.3	59.8
1969	64.8	64.7	65.1	95.7	95.9	95.3	62.0
1970	65.9	68.9	61.6	101.4	97.0	108.5	66.8
1971	73.3	80.4	64.2	92.8	84.6	106.0	68.0
1972	82.5	89.1	73.9	94.3	87.3	105.3	77.8
1973	87.2	97.4	74.9	97.1	87.0	113.1	84.7
1974	91.6	95.2	86.4	96.2	92.5	102.0	88.1
1975	94.0	95.6	91.6	93.1	91.5	95.5	87.5
	Cosmetics and other toiletries SIC 2844—Continued						
1976	94.4	94.3	94.6	101.2	101.3	101.0	95.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.3	98.6	100.6	105.2	106.0	103.9	104.5
1979	93.1	93.8	92.0	107.6	106.8	108.9	100.2
1980	82.5	80.2	86.5	109.0	112.1	103.9	89.9
1981[2]	74.9	69.7	84.9	119.0	127.9	104.9	89.1
Rates of change[3]							
1958-81	3.6	3.7	3.6	3.1	3.0	3.1	6.8
1977-81	-7.3	-8.9	-4.7	3.9	5.6	1.0	-3.7
	Paints and allied products SIC 2851						
1958	55.3	53.6	57.5	93.9	96.9	90.2	51.9
1960	64.9	63.0	67.6	93.8	96.7	90.1	60.9
1961	63.3	61.7	65.5	92.6	95.0	89.4	58.6
1962	66.1	64.3	68.4	93.7	96.3	90.5	61.9
1963	68.2	66.9	69.9	98.2	100.1	95.8	67.0
1964	72.5	70.4	75.4	98.7	101.7	94.9	71.6
1965	73.3	72.0	75.1	104.3	106.3	101.9	76.5
1966	76.9	75.1	79.2	107.3	109.9	104.2	82.5
1967	73.7	72.9	74.6	104.8	105.9	103.5	77.2
1968	81.0	80.1	82.1	103.6	104.7	102.2	83.9
1969	83.8	81.8	86.3	105.2	107.8	102.2	88.2
1970	74.9	73.5	76.8	112.2	114.3	109.4	84.0
1971	84.1	84.4	83.8	105.8	105.5	106.2	89.0
1972	88.0	85.9	90.7	108.0	110.6	104.7	95.0
1973	82.2	80.3	84.7	111.3	113.9	108.0	91.5
1974	90.4	91.5	89.0	106.3	105.0	108.0	96.1
1975	94.2	99.0	88.8	97.3	92.6	103.3	91.7
1976	97.3	99.6	94.2	98.8	96.5	102.0	96.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.7	105.4	103.7	99.8	99.1	100.8	104.5
1979	105.7	104.4	107.4	101.6	102.9	100.0	107.4
1980	101.8	106.1	96.7	99.8	95.8	105.1	101.6
1981	102.5	106.2	98.0	96.8	93.4	101.2	99.2
1982[2]	98.7	105.3	91.4	91.3	85.6	98.6	90.1
Rates of change[3]							
1958-82	2.5	2.8	2.1	.1	-.2	.5	2.7
1977-82	-.5	.9	-2.0	-1.6	-2.9	([4])	-2.1
	Petroleum refining SIC 2911						
1947	22.1	19.9	30.9	148.1	164.2	105.8	32.7
1950	27.4	25.4	34.6	138.1	149.1	109.6	37.9
1955	34.4	32.7	39.9	145.5	153.0	125.3	50.0
1960	44.1	43.1	47.2	130.1	133.1	121.6	57.4
1961	47.5	46.7	50.3	123.7	126.0	117.0	58.8
1962	51.8	51.1	53.9	118.4	119.9	113.7	61.3
1963	55.7	54.6	58.7	113.0	115.2	107.1	62.9
1964	58.7	57.7	61.9	110.2	112.2	104.6	64.7
1965	63.6	62.5	67.2	104.5	106.4	99.0	66.5
1966	68.7	67.4	72.5	101.8	103.7	96.4	69.9
1967	70.4	69.5	72.9	103.6	104.9	100.0	72.9
1968	72.1	71.7	73.4	104.9	105.5	103.0	75.6

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Petroleum refining SIC 2911—Continued						
1969	74.2	75.8	70.4	103.7	101.4	109.3	76.9
1970	73.8	74.1	73.4	106.1	105.7	106.7	78.3
1971	77.2	78.1	75.0	104.2	102.9	107.2	80.4
1972	84.9	84.8	85.3	98.4	98.5	97.9	83.5
1973	93.6	94.7	91.1	94.4	93.3	97.0	88.4
1974	86.4	85.6	88.8	100.2	101.2	97.5	86.6
1975	88.7	89.7	86.7	96.8	95.8	99.1	85.9
1976	93.0	92.6	94.2	100.2	100.6	98.9	93.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.3	100.6	103.2	101.2	101.9	99.3	102.5
1979	94.9	96.8	90.4	107.0	104.9	112.3	101.5
1980	94.2	100.3	81.8	100.8	94.7	116.2	95.0
1981	83.7	85.7	78.7	107.7	105.1	114.5	90.1
1982[2]	82.5	88.0	71.3	103.1	96.7	119.3	85.1
Rates of change[3]							
1947-82	4.6	4.9	3.5	–1.4	–1.8	–.5	3.1
1977-82	–4.3	–3.1	–7.2	.8	–.5	3.9	–3.5
	Tires and inner tubes SIC 301						
1947	37.5	36.1	43.7	103.8	107.9	89.0	38.9
1950	46.5	43.9	58.9	80.3	85.0	63.3	37.3
1955	48.0	45.8	57.9	92.8	97.2	76.9	44.5
1960	59.7	59.2	61.2	78.9	79.5	77.0	47.1
1961	61.6	62.1	59.8	74.0	73.4	76.3	45.6
1962	67.9	66.7	72.3	76.6	78.0	71.9	52.0
1963	72.9	72.4	74.3	74.2	74.7	72.8	54.1
1964	79.6	78.8	81.7	76.8	77.5	74.8	61.1
1965	81.3	80.8	82.6	79.8	80.3	78.6	64.9
1966	83.0	82.1	85.7	83.9	84.8	81.2	69.6
1967	82.7	83.6	79.7	78.2	77.4	81.2	64.7
1968	88.5	88.4	88.7	88.9	89.0	88.7	78.7
1969	85.4	85.1	86.6	94.0	94.4	92.7	80.3
1970	87.6	90.1	79.6	86.9	84.5	95.6	76.1
1971	94.3	95.7	89.2	90.8	89.4	96.0	85.6
1972	97.8	97.6	98.3	95.5	95.7	95.0	93.4
1973	95.1	96.3	90.7	99.3	98.0	104.1	94.4
1974	93.3	95.0	87.0	102.8	100.9	110.2	95.9
1975	91.8	95.5	79.9	90.1	86.6	103.5	82.7
1976	99.8	105.8	82.3	81.8	77.1	99.2	81.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	108.8	107.1	115.2	89.8	91.2	84.8	97.7
1979	109.5	109.2	110.4	87.4	87.6	86.7	95.7
1980	105.6	110.0	91.8	71.9	69.0	82.7	75.9
1981	123.2	122.8	123.9	66.9	67.1	66.5	82.4
1982[2]	122.0	120.2	129.6	63.5	64.5	59.8	77.5
Rates of change[3]							
1947-82	3.5	3.6	2.7	(4)	–.2	.7	3.4
1977-82	3.9	3.9	3.9	–9.1	–9.1	–9.1	–5.6
	Miscellaneous plastics products SIC 3079						
1972	86.6	85.4	91.7	81.2	82.3	76.7	70.3
1973	93.6	92.4	98.5	90.7	91.9	86.2	84.9
1974	86.2	86.4	85.3	89.7	89.5	90.6	77.3
1975	86.2	89.1	76.6	78.4	75.9	88.2	67.6
1976	89.5	90.3	86.5	89.8	89.0	92.9	80.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.8	100.5	102.0	109.8	110.1	108.5	110.7
1979	94.8	94.7	95.0	115.0	115.1	114.7	109.0
1980	95.7	97.3	90.1	108.0	106.3	114.7	103.4
1981[2]	98.5	99.5	94.5	112.2	111.0	116.9	110.5
Rates of change[3]							
1972-81	1.4	1.6	.7	4.0	3.8	4.8	5.5
1977-81	–.8	–.4	–2.3	2.2	1.8	3.7	1.3
	Footwear SIC 314						
1947	68.1	65.7	94.5	175.0	181.5	126.2	119.2
1950	77.4	75.7	93.4	164.1	167.8	136.0	127.0
1955	85.1	83.2	103.0	165.9	169.8	137.1	141.2
1960	93.8	92.5	104.2	157.8	160.0	142.0	148.0
1961	94.2	92.8	105.5	157.8	160.2	140.9	148.6
1962	95.3	93.3	112.1	158.8	162.2	135.0	151.4
1963	98.7	96.5	118.7	149.0	152.4	123.9	147.1
1964	98.4	95.9	121.3	152.4	156.4	123.7	150.0
1965	97.9	95.5	119.5	154.6	158.5	126.6	151.3
1966	99.0	96.8	118.9	156.7	160.3	130.5	155.2
1967	96.5	94.4	116.9	149.7	153.1	123.6	144.5
1968	100.1	97.8	122.0	153.7	157.3	126.1	153.8
1969	93.4	92.0	105.7	147.0	149.3	129.9	137.3
1970	100.3	99.3	107.9	134.7	136.0	125.2	135.1
1971	102.2	101.9	105.0	124.7	125.1	121.4	127.5
1972	99.5	99.0	103.7	126.6	127.3	121.5	126.0
1973	98.5	98.3	99.7	120.2	120.4	118.8	118.4
1974	96.8	97.6	90.8	112.7	111.8	120.1	109.1
1975	101.3	101.6	98.3	100.6	100.3	103.7	101.9
1976	102.1	102.0	102.4	103.4	103.5	103.1	105.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.5	101.9	106.8	97.7	98.2	93.7	100.1
1979	100.2	101.0	94.8	94.3	93.6	99.7	94.5
1980	99.1	100.2	92.0	92.2	91.2	99.3	91.4
1981	97.0	97.5	93.4	92.5	92.0	96.0	89.7
1982[2]	91.1	92.8	79.1	84.0	82.4	96.7	76.5
Rates of change[3]							
1947-82	.8	.9	(4)	–1.9	–2.0	–1.1	–1.0
1977-82	–1.8	–1.5	–4.5	–3.0	–3.3	–.3	–4.7
	Glass containers SIC 3221						
1947	63.6	62.7	71.4	71.8	72.9	64.0	45.7
1950	64.5	62.7	82.2	62.8	64.6	49.3	40.5
1955	67.2	65.8	78.1	75.2	76.7	64.7	50.5
1960	67.1	66.3	73.5	85.8	86.9	78.4	57.6
1961	68.4	67.3	76.7	87.4	88.8	78.0	59.8
1962	70.9	70.0	77.6	88.0	89.1	80.4	62.4

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Glass containers SIC 3221—Continued						
1963	73.5	72.3	82.5	87.8	89.2	78.2	64.5
1964	75.5	74.4	84.0	89.3	90.6	80.2	67.4
1965	80.3	79.2	88.8	89.5	90.8	81.0	71.9
1966	80.2	79.0	90.0	94.4	95.8	84.1	75.7
1967	82.3	81.1	93.0	97.9	99.4	86.7	80.6
1968	86.4	86.4	87.4	91.5	91.6	90.5	79.1
1969	89.1	88.7	92.5	103.1	103.6	99.4	91.9
1970	87.2	86.4	92.6	108.3	109.2	101.9	94.4
1971	88.8	88.7	89.0	104.6	104.7	104.4	92.9
1972	88.6	88.3	90.8	106.3	106.7	103.8	94.2
1973	92.6	92.5	93.2	104.4	104.5	103.8	96.7
1974	99.3	98.8	102.8	96.3	96.8	93.0	95.6
1975	98.5	98.5	98.1	97.1	97.1	97.5	95.6
1976	98.2	97.7	102.6	103.2	103.7	98.7	101.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.4	101.0	104.9	104.8	105.2	101.3	106.3
1979	106.7	106.5	107.8	96.6	96.8	95.6	103.1
1980	112.0	112.8	106.7	92.2	91.6	96.8	103.3
1981	118.7	119.7	111.8	86.4	85.7	91.8	102.6
1982[2]	127.9	128.9	121.2	79.1	78.5	83.5	101.2
Rates of change[3]							
1947-82	2.0	2.1	1.4	1.2	1.1	1.9	3.3
1977-82	5.1	5.4	3.3	-5.0	-5.2	-3.3	-.1
	Hydraulic cement SIC 3241						
1947	31.9	29.1	54.7	157.6	173.0	92.0	50.3
1950	36.5	33.5	59.5	163.1	177.9	100.2	59.6
1955	49.4	45.8	75.2	153.8	166.1	101.1	76.0
1960	55.3	52.5	72.5	143.2	150.9	109.2	79.2
1961	61.2	58.4	76.7	130.8	137.0	104.3	80.0
1962	64.9	62.2	79.9	128.1	133.7	104.0	83.1
1963	68.7	66.7	79.3	126.4	130.3	109.6	86.9
1964	71.0	70.1	75.7	127.4	129.1	119.5	90.5
1965	73.2	72.3	77.3	125.0	126.5	118.4	91.5
1966	76.7	76.1	80.1	122.9	123.9	117.8	94.3
1967	76.9	76.4	79.1	117.5	118.2	114.2	90.3
1968	85.3	84.2	90.3	112.9	114.4	106.6	96.3
1969	86.3	85.5	90.6	112.8	113.9	107.5	97.4
1970	84.8	85.0	84.1	111.3	111.0	112.2	94.4
1971	93.4	93.3	95.0	106.5	106.7	104.7	99.5
1972	95.0	93.9	100.4	110.6	111.9	104.7	105.1
1973	99.7	98.7	104.9	109.2	110.3	103.8	108.9
1974	91.5	90.5	96.5	112.5	113.7	106.6	102.9
1975	84.7	85.3	82.7	102.2	101.5	104.7	86.6
1976	92.4	93.3	89.4	100.4	99.5	103.8	92.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.3	101.0	102.8	105.3	105.6	103.8	106.7
1979	96.0	94.9	100.7	111.8	113.1	106.6	107.3
1980	87.0	87.4	84.9	109.6	109.0	112.3	95.3
1981	91.1	92.1	87.0	100.0	98.9	104.7	91.1
1982[2]	92.0	93.6	85.8	88.9	87.4	95.3	81.8
	Hydraulic cement SIC 3241—Continued						
Rates of change[3]							
1947-82	3.3	3.7	1.5	-1.7	-2.0	0.1	1.7
1977-82	-2.4	-2.0	-4.0	-2.2	-2.6	-.5	-4.5
	Structural clay products SIC 325						
1958	52.4	50.2	65.1	154.1	160.9	124.1	80.8
1960	57.9	55.2	73.9	164.5	172.4	128.9	95.2
1961	59.9	57.0	77.7	158.4	166.6	122.1	94.9
1962	64.6	61.3	84.3	155.5	163.7	119.1	100.4
1963	62.1	59.5	76.8	145.7	152.1	117.8	90.5
1964	66.3	64.2	78.0	150.2	155.2	127.7	99.6
1965	67.5	64.9	82.6	150.9	156.9	123.3	101.9
1966	68.8	66.1	84.1	147.8	153.9	120.9	101.7
1967	69.3	67.7	77.3	135.0	138.1	120.9	93.5
1968	73.7	72.4	80.3	135.1	137.6	124.1	99.6
1969	74.2	73.2	79.3	135.8	137.7	127.1	100.8
1970	78.2	79.7	71.8	119.6	117.3	130.2	93.5
1971	85.1	87.0	77.6	113.8	111.3	124.7	96.8
1972	88.2	87.3	92.4	116.9	118.1	111.6	103.1
1973	91.1	88.5	104.9	115.1	118.5	100.0	104.9
1974	93.1	91.2	102.1	117.1	119.5	106.8	109.0
1975	91.0	92.0	86.7	102.3	101.2	107.4	93.1
1976	94.9	96.1	89.3	101.6	100.3	108.0	96.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.6	100.8	111.3	104.5	106.3	96.3	107.2
1979	96.1	96.5	94.3	106.6	106.1	108.6	102.4
1980	97.8	101.2	84.8	95.3	92.1	109.9	93.2
1981	100.9	103.1	92.5	85.4	83.6	93.2	86.2
1982[2]	93.7	99.4	74.2	69.9	65.9	88.3	65.5
Rates of change[3]							
1958-82	2.8	3.2	1.1	-2.9	-3.2	-1.2	-.1
1977-82	-1.0	.2	-6.0	-6.9	-8.1	-2.0	-7.9
	Clay construction products SIC 3251,3253,3259						
1958	52.0	50.1	64.4	171.7	178.4	138.6	89.3
1960	57.5	55.7	68.8	182.7	188.8	152.7	105.1
1961	59.0	56.9	72.8	177.5	184.2	143.9	104.8
1962	63.7	61.3	79.3	175.9	182.8	141.3	112.1
1963	60.9	58.8	73.5	162.0	167.6	134.2	98.6
1964	65.1	63.6	74.0	166.5	170.4	146.5	108.4
1965	66.6	64.6	78.5	164.3	169.4	139.5	109.5
1966	67.3	65.2	80.7	158.7	163.9	132.4	106.8
1967	68.2	66.9	75.4	144.5	147.3	130.7	98.5
1968	73.1	71.6	81.0	144.9	147.9	130.7	105.9
1969	72.3	71.2	78.5	143.8	145.9	132.4	103.9
1970	77.4	78.3	73.0	123.3	121.8	130.7	95.4
1971	86.4	87.2	82.5	118.2	117.1	123.7	102.1
1972	89.0	87.5	96.7	123.1	125.2	113.2	109.5
1973	90.6	88.3	104.0	120.8	123.9	105.2	109.4
1974	88.7	87.4	96.6	120.4	122.2	110.6	106.8
1975	89.1	89.9	86.0	101.6	100.7	105.2	90.5

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Clay construction products SIC 3251,3253,3259—Cont.						
1976	94.2	95.1	90.3	103.5	102.5	108.0	97.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.6	100.8	112.4	103.7	105.6	94.7	106.4
1979	92.1	92.9	88.2	109.2	108.3	114.0	100.6
1980	94.8	97.7	82.9	98.2	[illegible]	112.3	93.1
1981	98.4	100.8	87.7	85.2	83.1	95.6	83.8
1982[2]	92.4	98.4	71.1	72.3	67.9	93.9	66.8
Rates of change[3]							
1958-82	2.8	3.1	1.3	-3.4	-3.7	-1.9	-.7
1977-82	-1.4	-.1	-6.9	-6.4	-7.6	-.9	-7.7
	Brick and structural clay tile SIC 3251						
1958	55.4	52.9	73.8	155.1	162.5	116.4	85.9
1960	62.9	60.5	79.1	167.2	173.8	132.9	105.1
1961	64.6	61.3	88.8	166.1	174.9	120.9	107.3
1962	69.2	65.8	94.2	164.7	173.2	120.9	113.9
1963	63.3	60.6	82.5	144.0	150.6	110.5	91.2
1964	68.7	66.2	85.9	149.5	155.2	119.5	102.7
1965	70.5	67.7	89.8	150.2	156.5	117.9	105.9
1966	71.4	68.3	92.8	149.5	156.2	115.0	106.7
1967	70.3	68.5	81.8	137.2	140.8	117.9	96.4
1968	75.0	73.1	87.3	135.4	139.0	116.4	101.6
1969	72.5	71.0	80.9	136.6	139.4	122.4	99.0
1970	81.1	81.1	81.5	115.5	115.5	115.0	93.7
1971	89.6	90.2	87.7	115.4	114.6	117.9	103.4
1972	91.5	89.5	103.4	121.4	124.1	107.4	111.1
1973	90.1	88.1	103.1	119.5	122.3	104.5	107.7
1974	92.5	90.6	104.6	116.3	118.7	102.9	107.6
1975	93.1	93.2	93.2	95.6	95.5	95.5	89.0
1976	102.2	103.6	96.8	96.2	94.9	101.5	98.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	96.5	94.9	105.6	106.1	107.9	97.0	102.4
1979	85.8	88.0	76.2	111.3	108.5	125.4	95.5
1980	85.6	91.2	65.2	97.8	91.8	128.4	83.7
1981	85.2	89.3	69.3	81.3	77.6	100.0	69.3
1982[2]	75.1	81.9	52.9	68.3	62.6	97.0	51.3
Rates of change[3]							
1958-82	2.0	2.4	-.3	-3.0	-3.4	-.8	-1.1
1977-82	-5.0	-3.2	-12.3	-7.8	-9.5	-.1	-12.4
	Ceramic wall and floor tile SIC 3253						
1958	49.6	48.2	56.8	165.6	170.4	144.8	82.2
1960	52.4	52.2	53.3	179.0	179.8	175.9	93.8
1961	55.8	56.4	52.7	159.8	157.9	169.0	89.1
1962	61.4	60.7	64.3	170.0	171.9	162.1	104.3
1963	60.2	59.5	63.0	162.4	164.1	155.2	97.7
1964	62.8	63.2	60.7	170.0	168.8	175.9	106.7
1965	64.1	63.5	66.8	161.8	163.4	155.2	103.7
1966	64.9	63.9	69.2	150.9	153.2	141.4	97.9
1967	69.3	69.3	69.1	137.6	137.6	137.9	95.3
1968	73.4	74.3	70.1	138.2	136.7	144.8	101.5
	Ceramic wall and floor tile SIC 3253—Continued						
1969	72.9	73.3	70.7	130.5	129.7	134.5	95.1
1970	72.0	74.4	62.9	120.4	116.5	137.9	86.7
1971	78.6	78.8	77.9	102.5	102.3	103.4	80.6
1972	88.2	86.7	94.9	107.6	109.4	100.0	94.9
1973	92.0	89.7	103.1	104.4	107.0	93.1	96.0
1974	87.7	87.1	90.3	117.2	118.0	113.8	102.8
1975	89.0	91.4	79.8	105.1	102.3	117.2	93.5
1976	89.0	88.9	89.5	110.9	111.0	110.3	98.7
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	115.3	112.0	132.9	99.4	102.3	86.2	114.6
1979	111.8	108.9	126.8	113.4	116.4	100.0	126.8
1980	120.3	117.2	136.4	113.4	116.4	100.0	136.4
1981[2]	126.5	124.7	134.9	114.0	115.6	106.9	144.2
Rates of change[3]							
1958-81	3.9	3.9	4.1	-2.6	-2.6	-2.8	1.2
1977-81	5.3	5.0	6.4	4.0	4.3	2.9	9.5
	Clay refractories SIC 3255						
1958	53.7	52.2	60.2	102.7	105.7	91.7	55.2
1960	59.3	54.1	91.9	109.8	120.4	70.8	65.1
1961	63.6	58.8	91.4	101.8	110.1	70.8	64.7
1962	67.7	62.6	96.6	95.1	102.8	66.7	64.4
1963	67.2	63.9	83.0	97.8	102.8	79.2	65.7
1964	72.0	68.6	88.0	101.8	106.8	83.3	73.3
1965	71.6	67.7	90.9	111.2	117.6	87.6	79.6
1966	75.6	72.0	93.4	115.7	121.6	93.7	87.5
1967	74.4	72.8	81.1	106.7	109.1	97.9	79.4
1968	77.0	77.5	75.3	105.9	105.1	108.3	81.5
1969	83.1	83.7	81.3	112.1	111.3	114.6	93.2
1970	82.1	86.7	69.0	108.5	102.8	129.2	89.1
1971	81.3	88.2	63.5	101.0	93.1	129.2	82.1
1972	86.5	89.7	76.6	97.8	94.3	110.5	84.6
1973	93.6	91.0	105.0	98.3	101.1	87.6	92.0
1974	107.5	104.6	120.1	107.2	110.1	95.9	115.2
1975	95.5	97.5	89.1	104.9	102.8	112.5	100.2
1976	97.1	100.2	87.8	96.1	93.1	106.3	93.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.9	101.2	109.8	106.7	108.5	100.0	109.8
1979	109.1	108.4	112.4	98.7	99.4	95.8	107.7
1980	108.0	114.3	89.7	86.6	81.8	104.2	93.5
1981	109.0	109.6	106.7	85.7	85.2	87.5	93.4
1982[2]	97.9	103.2	82.1	62.9	59.7	75.0	61.6
Rates of change[3]							
1958-82	2.8	3.3	.8	-.9	-1.4	1.1	1.9
1977-82	.2	1.3	-3.6	-8.5	-9.5	-4.9	-8.3
	Concrete products SIC 3271,3272						
1947	34.8	29.6	83.0	62.9	74.1	26.4	21.9
1950	44.7	41.6	60.0	80.8	86.7	60.2	36.1
1955	56.3	53.9	67.2	84.8	88.5	71.0	47.7
1960	57.6	54.5	72.4	97.4	103.0	77.5	56.1

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Concrete products SIC 3271,3272—Continued						
1961	58.7	55.8	72.1	95.7	100.7	78.0	56.2
1962	59.8	56.7	74.6	97.1	102.5	77.9	58.1
1963	64.8	63.1	73.1	100.0	102.7	88.6	64.8
1964	68.7	67.2	75.6	102.8	105.0	93.4	70.6
1965	71.3	69.6	80.0	107.8	110.5	96.1	76.9
1966	75.7	75.2	80.1	108.2	108.9	102.2	81.9
1967	78.9	75.6	91.0	99.6	104.0	86.4	78.6
1968	85.2	81.9	96.9	100.4	104.4	88.2	85.5
1969	84.2	81.5	93.9	104.4	107.9	93.6	87.9
1970	82.3	79.6	92.1	111.0	114.8	99.2	91.4
1971	88.0	86.1	94.4	110.3	112.8	102.9	97.1
1972	89.7	87.9	95.4	115.4	117.8	108.5	103.5
1973	92.4	90.4	98.6	119.9	122.5	112.4	110.8
1974	93.7	91.1	102.9	106.5	109.6	97.0	99.8
1975	91.9	92.4	90.0	98.5	97.9	100.5	90.5
1976	95.0	94.6	96.0	97.5	97.9	96.5	92.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	98.6	98.5	99.0	104.3	104.4	103.8	102.8
1979	94.6	95.0	93.3	109.0	108.5	110.5	103.1
1980	93.2	96.5	84.6	100.7	97.3	111.0	93.9
1981[2]	92.5	95.5	84.4	99.1	96.0	108.7	91.7
Rates of change[3]							
1947-81	2.8	3.1	1.4	1.1	.8	2.5	3.9
1977-81	-2.1	-1.1	-4.8	-.5	-1.5	2.4	-2.6
	Ready-mixed concrete SIC 3273						
1958	77.4	-	-	69.9	-	-	54.1
1960	77.9	-	-	75.5	-	-	56.8
1961	76.7	-	-	77.3	-	-	59.3
1962	78.7	-	-	77.6	-	-	61.1
1963	85.8	-	-	83.9	-	-	72.0
1964	86.2	-	-	84.7	-	-	73.0
1965	90.3	-	-	87.5	-	-	79.0
1966	90.7	-	-	86.3	-	-	78.3
1967	95.0	-	-	85.8	-	-	81.5
1968	97.7	-	-	83.6	-	-	81.7
1969	93.7	-	-	88.4	-	-	82.8
1970	91.1	-	-	86.4	-	-	78.7
1971	97.2	-	-	83.6	-	-	81.3
1972	99.5	-	-	97.0	-	-	96.5
1973	103.5	-	-	96.3	-	-	99.7
1974	100.3	-	-	97.2	-	-	97.5
1975	97.5	-	-	90.5	-	-	88.2
1976	98.8	-	-	89.1	-	-	88.0
1977	100.0	-	-	100.0	-	-	100.0
1978	103.1	-	-	105.0	-	-	108.3
1979	99.9	-	-	109.8	-	-	109.7
1980	93.1	-	-	102.7	-	-	95.6
1981[2]	95.4	-	-	95.7	-	-	91.3
Rates of change[3]							
1958-81	1.2	-	-	1.5	-	-	2.7
	Ready-mixed concrete SIC 3273—Continued						
1977-81	-1.9	-	-	-1.1	-	-	-3.0
	Steel SIC 331						
1947	60.8	54.1	106.3	114.0	128.1	65.2	69.3
1950	67.8	60.7	115.2	119.7	133.7	70.4	81.1
1955	75.9	69.0	117.7	127.0	139.8	81.9	96.4
1960	71.2	68.8	80.8	111.4	115.2	98.2	79.3
1961	73.4	71.4	81.4	103.4	106.3	93.3	75.9
1962	77.1	74.9	86.2	103.5	106.6	92.6	79.8
1963	80.6	77.0	96.1	105.1	110.0	88.1	84.7
1964	84.1	79.3	106.5	114.4	121.3	90.3	96.2
1965	87.5	82.6	110.7	119.6	126.7	94.5	104.6
1966	89.2	84.8	109.5	118.0	124.2	96.2	105.3
1967	86.4	83.6	98.0	113.3	117.1	99.9	97.9
1968	89.5	87.6	96.8	115.9	118.4	107.1	103.7
1969	90.0	87.7	98.9	118.1	121.2	107.5	106.3
1970	87.6	86.0	93.4	112.2	114.3	105.2	98.3
1971	91.9	91.0	95.4	101.7	102.8	98.0	93.5
1972	97.3	95.5	104.4	103.1	105.0	96.1	100.3
1973	106.6	103.3	119.9	112.0	115.6	99.6	119.4
1974	106.5	103.7	117.7	112.0	115.0	101.4	119.3
1975	93.3	93.5	92.4	96.8	96.6	97.7	90.3
1976	99.0	98.5	100.4	98.6	99.1	97.2	97.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	108.3	106.9	113.7	103.4	104.8	98.5	112.0
1979	106.9	105.1	113.2	104.5	106.3	98.7	111.7
1980	102.9	104.3	98.5	90.1	88.9	94.1	92.7
1981	112.0	112.9	109.0	90.9	90.2	93.4	101.8
1982[2]	90.2	96.4	74.0	67.6	63.3	82.4	61.0
Rates of change[3]							
1947-82	1.6	2.0	(4)	-.7	-1.1	.9	.9
1977-82	-1.3	-.1	-4.9	-6.9	-8.0	-3.3	-8.1
	Gray iron foundries SIC 3321						
1954	58.7	56.6	75.9	94.0	97.5	72.7	55.2
1955	63.3	60.4	88.5	107.3	112.5	76.7	67.9
1960	65.0	64.4	68.4	83.9	84.6	79.7	54.5
1961	66.7	66.4	68.9	77.5	77.9	75.0	51.7
1962	69.2	68.1	77.1	85.0	86.4	76.3	58.8
1963	70.7	69.1	82.8	88.7	90.8	75.7	62.7
1964	75.1	72.6	94.2	96.5	99.9	77.0	72.5
1965	78.8	76.2	98.8	103.7	107.2	82.7	81.7
1966	79.3	76.7	98.3	106.6	110.1	86.0	84.5
1967	75.1	73.3	87.2	100.3	102.7	86.4	75.3
1968	79.6	77.9	91.5	101.6	103.9	88.4	80.9
1969	83.8	81.6	99.1	107.3	110.2	90.7	89.9
1970	79.8	78.8	86.6	100.2	101.5	92.4	80.0
1971	85.6	84.7	91.2	94.2	95.2	88.4	80.6
1972	90.2	88.3	103.4	101.9	104.1	88.9	91.9
1973	94.5	92.1	110.8	112.5	115.4	95.9	106.3
1974	97.7	95.7	111.2	109.8	112.1	96.5	107.3
1975	97.0	96.9	97.3	96.3	96.4	96.0	93.4
1976	96.4	96.4	96.4	97.3	97.3	97.3	93.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Gray iron foundries SIC 3321—Continued						
1978	102.1	102.0	102.4	106.8	106.9	106.4	109.0
1979	96.8	98.1	90.2	107.2	105.8	115.1	103.8
1980	90.8	94.8	73.0	90.0	86.2	111.9	81.7
1981	92.5	95.7	78.1	88.5	85.6	104.9	81.9
1982[2]	88.8	95.4	63.5	68.1	63.4	95.3	60.5
Rates of change[3]							
1954-82	2.0	2.2	.7	.1	-.1	1.4	2.1
1977-82	-2.7	-1.3	-9.0	-7.3	-8.6	-.9	-9.8
	Steel foundries SIC 3324,3325						
1954	73.2	71.7	79.9	80.9	82.6	74.1	59.2
1955	80.3	76.6	102.0	94.4	99.0	74.3	75.8
1960	80.7	78.7	92.0	76.7	78.7	67.3	61.9
1961	81.8	80.1	89.8	70.2	71.7	63.9	57.4
1962	85.8	82.8	102.3	77.9	80.7	65.3	66.8
1963	91.2	87.7	111.2	88.0	91.6	72.2	80.3
1964	91.7	86.6	122.5	99.2	105.1	74.3	91.0
1965	94.1	88.8	126.4	106.0	112.3	78.9	99.7
1966	95.6	90.4	127.9	115.7	122.4	86.5	110.6
1967	93.5	90.2	111.8	108.5	112.5	90.8	101.5
1968	91.1	89.5	98.6	103.4	105.2	95.5	94.2
1969	93.3	90.5	107.7	108.8	112.1	94.2	101.5
1970	90.6	88.4	101.7	93.9	96.3	83.7	85.1
1971	94.9	94.5	96.6	86.1	86.5	84.6	81.7
1972	100.7	98.7	110.3	87.5	89.3	79.9	88.1
1973	101.9	99.1	116.9	93.7	96.4	81.7	95.5
1974	112.4	108.4	134.1	101.4	105.2	85.0	114.0
1975	107.5	105.0	120.1	100.1	102.5	89.6	107.6
1976	105.7	105.3	107.3	94.8	95.2	93.4	100.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	98.1	97.1	102.8	105.6	106.7	100.8	103.6
1979	99.4	96.8	112.4	118.7	121.9	105.0	118.0
1980	99.1	99.0	99.5	115.5	115.6	115.1	114.5
1981	90.8	92.1	85.5	104.1	102.6	110.5	94.5
1982[2]	71.3	77.1	53.6	78.0	72.1	103.8	55.6
Rates of change[3]							
1954-82	.8	1.0	-.2	.6	.4	1.6	1.4
1977-82	-5.4	-4.0	-10.3	-3.7	-5.0	1.6	-8.8
	Primary copper, lead, and zinc SIC 3331,3332,3333						
1947	47.3	42.4	90.1	172.9	192.6	90.7	81.7
1950	54.9	50.8	82.7	159.1	171.9	105.5	87.3
1955	62.7	59.3	81.5	149.5	[illegible]	114.9	93.7
1960	65.7	63.2	78.6	140.6	146.1	117.5	92.4
1961	68.7	66.3	81.2	136.5	141.5	115.5	93.8
1962	73.0	70.2	87.7	135.0	140.3	112.3	98.5
1963	74.7	71.3	92.9	130.5	136.8	104.9	97.5
1964	77.6	73.8	99.0	131.9	138.7	103.4	102.4
1965	80.0	75.8	104.6	135.1	142.7	103.3	108.1
1966	79.0	74.8	103.6	140.7	148.7	107.3	111.2
1967	66.6	67.0	64.8	114.3	113.6	117.4	76.1
	Primary copper, lead, and zinc SIC 3331,3332,3333—Cont.						
1968	78.5	75.6	93.1	128.1	133.0	108.0	100.5
1969	80.7	76.3	106.5	151.3	160.1	114.7	122.1
1970	78.1	74.6	96.5	156.7	164.0	126.8	122.4
1971	81.5	79.9	88.8	136.6	139.3	125.4	111.3
1972	90.9	86.7	114.0	132.2	138.6	105.4	120.2
1973	94.8	91.5	110.9	129.6	134.2	110.7	122.8
1974	86.0	84.8	91.3	130.2	132.0	122.7	112.0
1975	85.3	86.4	80.7	117.4	115.8	124.1	100.1
1976	96.0	96.2	95.1	111.0	110.8	112.1	106.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	96.5	95.8	99.7	103.3	104.1	100.0	99.7
1979	106.5	105.1	112.6	98.7	100.0	93.3	105.1
1980	103.7	106.1	94.8	79.3	77.5	86.7	82.2
1981	118.5	121.2	108.3	82.9	81.0	90.7	98.2
1982[2]	116.7	123.9	93.6	65.2	61.4	81.3	76.1
Rates of change[3]							
1947-82	2.3	2.6	.9	-1.7	-2.0	-.4	.6
1977-82	4.0	5.2	-.7	-8.3	-9.4	-3.9	-4.6
	Primary copper SIC 3331						
1947	51.3	46.2	102.1	130.0	144.5	65.3	66.7
1950	60.4	56.3	89.5	118.4	127.0	79.9	71.5
1955	68.6	64.9	92.6	115.4	122.1	85.5	79.2
1960	68.4	64.6	92.5	126.1	133.5	93.3	86.3
1961	69.7	67.4	82.7	121.9	126.1	102.8	85.0
1962	75.7	73.0	91.2	121.5	126.1	100.9	92.0
1963	75.4	71.7	98.3	119.3	125.5	91.6	90.0
1964	80.2	76.4	103.0	116.1	121.9	90.4	93.1
1965	81.9	76.9	116.3	122.1	130.1	86.0	100.0
1966	79.9	75.9	104.7	128.2	135.0	97.8	102.4
1967	69.0	70.4	63.3	89.7	87.9	97.8	61.9
1968	82.3	79.9	94.7	107.5	110.7	93.5	88.5
1969	82.6	78.4	108.7	134.5	141.7	102.2	111.1
1970	79.8	76.6	97.9	144.0	150.0	117.4	114.9
1971	81.9	80.7	87.2	127.4	129.2	119.6	104.3
1972	87.0	83.4	107.0	133.7	139.4	108.7	116.3
1973	90.6	87.5	107.1	133.7	138.4	113.1	121.1
1974	81.3	81.5	80.5	135.7	135.4	137.0	110.3
1975	83.0	85.3	74.0	120.3	117.0	134.8	99.8
1976	95.2	96.6	88.7	111.5	109.8	119.6	106.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.4	98.2	105.1	101.2	102.4	95.7	100.6
1979	113.3	111.3	123.6	92.5	94.2	84.8	104.8
1980	105.3	109.6	89.6	75.8	72.8	89.1	79.8
1981	124.4	126.3	116.3	83.3	82.0	89.1	103.6
1982[2]	119.2	126.0	95.9	64.7	61.2	80.4	77.1
Rates of change[3]							
1947-82	2.0	2.3	.4	-.7	-1.0	.9	1.3
1977-82	4.3	5.6	-.6	-8.1	-9.2	-3.5	-4.2

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Primary aluminum SIC 3334						
1947	38.3	36.9	45.8	33.9	35.2	28.4	13.0
1950	42.9	41.3	51.9	38.5	40.0	31.8	16.5
1955	50.3	48.9	57.1	72.4	74.5	63.7	36.4
1960	71.7	71.9	70.5	64.3	64.1	65.4	46.1
1961	74.7	75.9	70.0	58.2	57.3	62.1	43.5
1962	78.4	78.5	77.2	61.5	61.4	62.4	48.2
1963	81.0	80.9	81.1	64.7	64.8	64.6	52.4
1964	83.4	81.8	90.0	69.2	70.5	64.1	57.7
1965	85.4	84.1	90.7	72.7	73.8	68.5	62.1
1966	88.3	87.3	93.0	75.4	76.3	71.6	66.6
1967	87.6	86.7	91.0	83.6	84.4	80.4	73.2
1968	81.9	82.0	81.2	88.0	87.9	88.8	72.1
1969	90.0	89.0	94.5	92.3	93.4	87.9	83.1
1970	92.5	92.2	94.0	93.1	93.4	91.6	86.1
1971	100.7	101.7	96.7	83.4	82.6	86.9	84.0
1972	99.9	101.3	94.4	87.4	86.2	92.5	87.3
1973	99.4	97.8	106.6	97.3	98.9	90.7	96.7
1974	110.8	109.1	118.8	95.2	96.7	88.8	105.5
1975	96.2	100.1	82.6	87.4	84.0	101.8	84.1
1976	101.4	102.1	98.4	91.6	91.0	94.4	92.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.6	98.6	103.8	106.2	107.3	101.9	105.8
1979	99.7	99.2	102.1	111.0	111.6	108.4	110.7
1980	100.0	102.3	91.6	113.0	110.5	123.4	113.0
1981	103.8	107.6	90.4	105.0	101.3	120.6	109.0
1982[2]	97.1	105.7	72.1	81.9	75.2	110.3	79.5
Rates of change[3]							
1947-82	3.2	3.4	2.4	2.6	2.4	3.5	6.1
1977-82	-.1	1.6	-6.0	-2.9	-4.5	3.3	-2.9
	Copper rolling and drawing SIC 3351						
1958	54.9	54.7	56.0	124.7	125.3	122.3	68.5
1960	58.2	57.0	63.7	122.1	124.8	111.7	71.1
1961	63.1	62.9	64.1	124.2	124.6	122.4	78.4
1962	67.6	66.9	70.3	131.8	133.1	126.7	89.1
1963	74.0	71.3	86.5	125.4	130.1	107.3	92.8
1964	81.5	78.6	95.3	128.4	133.2	109.9	104.7
1965	86.1	82.6	103.0	128.8	134.2	107.7	110.9
1966	91.0	86.6	113.8	135.6	142.5	108.4	123.4
1967	77.3	75.9	83.5	125.3	127.7	116.0	96.9
1968	80.3	79.5	83.4	126.1	127.3	121.3	101.2
1969	85.6	83.9	92.6	133.0	135.6	122.9	113.8
1970	76.8	76.9	76.3	120.6	120.4	121.3	92.6
1971	85.8	84.9	89.2	115.0	116.2	110.7	98.7
1972	88.0	85.3	100.0	121.4	125.2	106.8	106.8
1973	93.2	90.0	108.3	128.6	133.2	110.7	119.9
1974	85.2	84.2	89.7	119.7	121.2	113.7	102.0
1975	76.8	80.4	65.5	97.0	92.7	113.7	74.5
1976	86.1	85.6	87.8	108.1	108.7	106.0	93.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.3	99.8	102.2	105.8	106.3	103.8	106.1
1979	96.5	97.6	102.0	112.3	113.3	108.4	110.6
1980	95.0	97.0	88.0	96.9	94.9	104.6	92.1
	Copper rolling and drawing SIC 3351—Continued						
1981	99.3	101.5	91.3	96.2	94.1	104.6	95.5
1982[2]	90.0	94.2	77.1	82.4	78.8	96.2	74.2
Rates of change[3]							
1958-82	2.0	2.2	1.2	-1.4	-1.6	-.7	.5
1977-82	-1.7	-.7	-5.0	-3.9	-4.8	-.6	-5.5
	Aluminum rolling and drawing SIC 3353,3354,3355						
1958	38.1	38.9	34.8	75.8	74.2	83.0	28.9
1960	39.0	39.7	36.1	86.5	84.8	93.4	33.7
1961	42.8	43.3	40.8	85.9	85.0	90.2	36.8
1962	46.5	47.0	44.7	89.2	88.3	92.9	41.5
1963	51.5	51.8	49.9	89.1	88.6	91.9	45.9
1964	54.8	55.2	53.4	92.7	92.1	95.1	50.8
1965	60.0	60.0	60.5	96.6	96.7	95.9	58.0
1966	60.4	59.6	64.1	106.3	107.8	100.2	64.2
1967	59.8	60.0	58.7	99.9	99.5	101.7	59.7
1968	62.4	63.5	58.1	106.1	104.3	114.0	66.2
1969	64.1	64.8	60.9	111.3	110.0	117.0	71.3
1970	66.0	68.6	56.5	101.7	97.8	118.7	67.1
1971	72.5	74.9	63.7	99.5	96.3	113.1	72.1
1972	85.1	84.7	86.4	102.5	102.9	100.9	87.2
1973	94.0	92.8	99.5	110.9	112.3	104.7	104.2
1974	96.4	96.1	97.3	103.0	103.3	102.1	99.3
1975	87.5	92.5	70.9	79.8	75.5	98.4	69.8
1976	101.7	102.7	97.6	92.3	91.4	96.2	93.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.6	104.9	103.3	106.2	105.9	107.6	111.1
1979	101.5	102.4	97.6	108.4	107.4	112.7	110.0
1980	101.9	105.6	88.6	102.5	98.9	117.8	104.4
1981	99.4	103.3	85.3	99.6	95.8	116.1	99.0
1982[2]	99.9	104.9	82.7	87.3	83.1	105.5	87.2
Rates of change[3]							
1958-82	4.7	4.8	4.3	.6	.5	.9	5.3
1977-82	-.4	.6	-4.5	-2.6	-3.7	1.6	-3.0
	Metal cans SIC 3411						
1947	44.7	43.6	53.2	77.6	79.6	65.2	34.7
1950	52.3	51.0	61.7	86.0	88.2	72.9	45.0
1955	58.0	56.6	67.7	88.8	91.0	76.1	51.5
1960	66.1	64.6	76.2	88.1	90.1	76.4	58.2
1961	69.7	68.1	81.1	88.2	90.3	75.8	61.5
1962	67.4	65.6	80.9	90.0	92.6	75.0	60.7
1963	67.0	65.4	78.9	89.2	91.5	75.8	59.8
1964	68.5	66.9	79.1	93.7	95.9	81.2	64.2
1965	70.3	69.5	75.6	95.7	96.9	89.0	67.3
1966	72.2	70.1	87.6	98.6	101.5	81.3	71.2
1967	74.7	72.6	90.8	102.9	105.9	84.7	76.9
1968	78.1	75.9	94.9	109.1	112.2	89.8	85.2
1969	80.0	78.2	93.4	109.1	111.7	93.5	87.3
1970	78.8	77.5	87.6	118.3	120.3	106.4	93.2
1971	78.5	77.7	83.8	113.2	114.4	106.1	88.9
1972	80.8	79.3	91.3	114.1	116.3	101.0	92.2

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Metal cans SIC 3411—Continued						
1973	81.6	79.8	95.0	117.6	120.3	101.1	96.0
1974	84.7	84.2	87.6	115.1	115.8	111.3	97.5
1975	87.0	87.9	81.5	104.3	103.2	111.3	90.7
1976	93.4	93.9	90.3	101.1	100.5	104.5	94.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.3	102.6	100.4	97.1	96.8	98.9	99.3
1979	103.6	104.1	101.2	96.0	95.6	98.3	99.5
1980	102.6	104.0	94.8	89.3	88.1	96.6	91.6
1981	108.1	110.5	95.5	82.9	81.1	93.8	89.6
1982[2]	121.6	125.0	104.9	74.1	72.1	85.9	90.1
Rates of change[3]							
1947-82	2.5	2.6	1.7	.5	.4	1.2	3.0
1977-82	3.3	3.9	.1	-5.7	-6.2	-2.6	-2.6
	Hand and edge tools SIC 3423						
1958	74.0	75.2	69.7	63.8	62.8	67.7	47.2
1960	77.0	77.5	74.5	67.7	67.2	69.9	52.1
1961	79.8	81.3	74.6	69.8	68.5	74.7	55.7
1962	81.5	82.2	79.1	74.6	74.0	76.9	60.8
1963	84.0	85.1	80.1	67.7	66.9	71.0	56.9
1964	86.1	87.0	82.9	71.4	70.7	74.2	61.5
1965	91.2	91.1	91.3	77.0	77.1	76.9	70.2
1966	88.8	87.6	93.8	85.1	86.3	80.6	75.6
1967	93.9	92.2	101.0	78.1	79.5	72.6	73.3
1968	95.5	94.2	100.9	77.9	79.0	73.7	74.4
1969	97.2	96.3	101.0	82.7	83.5	79.6	80.4
1970	91.0	90.8	92.0	82.1	82.3	81.2	74.7
1971	94.4	93.6	98.0	77.0	77.7	74.2	72.7
1972	101.2	99.9	106.2	84.1	85.2	80.1	85.1
1973	101.8	101.4	103.4	90.6	90.9	89.2	92.2
1974	96.9	96.2	99.4	89.9	90.5	87.6	87.1
1975	93.9	94.5	91.5	80.7	80.2	82.8	75.8
1976	97.6	98.4	94.8	87.2	86.5	89.8	85.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.6	98.8	107.8	107.2	109.1	100.0	107.8
1979	104.3	105.2	100.7	107.5	106.6	111.3	112.1
1980	99.0	102.8	86.2	96.5	92.9	110.8	95.5
1981[2]	95.8	98.1	88.0	99.8	97.5	108.6	95.6
Rates of change[3]							
1958-81	1.2	1.2	1.2	2.0	1.9	2.0	3.2
1977-81	-1.0	(4)	-4.7	-1.1	-2.1	2.7	-2.1
	Fabricated structural metal SIC 3441						
1958	80.2	79.3	83.2	93.1	94.2	89.8	74.7
1960	81.1	81.0	81.1	92.4	92.5	92.3	74.9
1961	85.2	84.4	87.8	86.9	87.7	84.3	74.0
1962	88.5	86.7	94.0	82.6	84.3	77.8	73.1
1963	91.9	90.4	95.8	87.4	88.8	83.8	80.3
1964	92.9	91.5	97.7	92.1	93.6	87.6	85.6
1965	97.1	94.9	103.9	96.0	98.2	89.7	93.2
	Fabricated structural metal SIC 3441—Continued						
1966	95.0	92.3	103.4	100.2	103.1	92.1	95.2
1967	96.6	94.8	102.3	111.4	113.5	105.2	107.6
1968	100.3	98.5	105.9	107.6	109.5	101.9	107.9
1969	99.8	99.0	102.2	108.5	109.4	106.0	108.3
1970	102.2	102.2	102.0	104.1	104.1	104.3	106.4
1971	107.6	106.9	109.5	98.9	99.5	97.2	106.4
1972	110.8	109.8	113.3	104.8	105.7	102.5	116.1
1973	113.0	112.7	113.8	105.9	106.2	105.2	119.7
1974	106.9	106.0	109.4	105.3	106.2	102.9	112.6
1975	97.4	96.9	98.6	103.8	104.3	102.5	101.1
1976	98.9	98.7	99.0	97.1	97.3	97.0	96.0
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.4	99.3	103.9	101.1	102.2	97.7	101.5
1979	102.0	100.2	107.5	109.7	111.7	104.1	111.9
1980	101.9	99.7	109.2	119.0	121.7	111.1	121.3
1981[2]	98.3	95.6	107.2	116.9	120.2	107.2	114.9
Rates of change[3]							
1958-81	1.0	1.0	1.1	1.1	1.1	1.0	2.1
1977-81	-.2	-.9	1.9	4.9	5.6	2.7	4.7
	Valves and pipe fittings SIC 3494						
1954	70.3	63.4	96.4	72.4	80.3	52.8	50.9
1955	78.7	70.4	111.2	74.2	82.9	52.5	58.4
1960	75.0	73.3	79.6	69.1	70.7	65.1	51.8
1961	81.3	80.4	83.5	71.0	71.8	69.1	57.7
1962	83.4	82.0	87.3	76.5	77.8	73.1	63.8
1963	84.3	81.7	91.7	75.7	78.1	69.6	63.8
1964	86.6	83.4	95.9	79.3	82.4	71.6	68.7
1965	96.4	93.5	104.7	84.0	86.6	77.4	81.0
1966	95.1	91.7	104.7	89.4	92.7	81.2	85.0
1967	91.3	89.2	97.0	90.8	92.9	85.5	82.9
1968	92.3	90.8	96.5	89.4	90.9	85.5	82.5
1969	94.1	92.7	97.8	91.5	92.9	88.0	86.1
1970	93.6	95.5	89.4	92.6	90.8	97.0	86.7
1971	98.3	99.1	96.4	88.0	87.3	89.7	86.5
1972	100.7	100.3	101.4	87.5	87.8	86.9	88.1
1973	103.3	102.8	104.2	95.3	95.7	94.4	98.4
1974	94.3	92.7	98.3	105.5	107.3	101.2	99.5
1975	92.4	95.3	85.8	94.5	91.6	101.8	87.3
1976	91.1	92.8	87.1	95.4	93.6	99.8	86.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.9	100.4	102.1	103.8	104.3	102.5	104.7
1979	104.3	104.6	103.5	108.2	107.8	109.0	112.8
1980	101.4	103.4	96.9	108.1	106.0	113.1	109.6
1981[2]	103.5	106.4	96.8	109.3	106.3	116.8	113.1
Rates of change[3]							
1954-81	1.3	1.7	.1	1.7	1.3	2.9	3.0
1977-81	.7	1.5	-1.2	2.2	1.4	4.2	3.0

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Fabricated pipe and fittings SIC 3498						
1958	84.9	87.4	77.6	56.3	54.7	61.6	47.8
1960	84.9	88.4	75.2	51.0	49.0	57.6	43.3
1961	97.5	101.7	85.9	43.7	41.9	49.6	42.6
1962	98.5	102.5	87.7	45.6	43.8	51.2	44.9
1963	93.0	97.6	80.4	48.4	46.1	56.0	45.0
1964	97.3	98.3	93.9	52.5	52.0	54.4	51.1
1965	100.9	101.8	98.3	56.9	56.4	58.4	57.4
1966	100.3	103.2	92.3	61.8	60.1	67.2	62.0
1967	96.9	98.4	92.2	68.5	67.5	72.0	66.4
1968	100.1	98.9	104.8	69.5	70.4	66.4	69.6
1969	105.8	104.8	108.8	64.2	64.8	62.4	67.9
1970	94.0	92.9	97.5	61.4	62.1	59.2	57.7
1971	97.0	96.5	98.8	60.3	60.6	59.2	58.5
1972	106.0	105.5	107.9	63.5	63.8	62.4	67.3
1973	110.2	110.5	109.0	70.4	70.2	71.2	77.6
1974	111.4	111.7	110.6	77.0	76.8	77.6	85.8
1975	104.0	104.7	101.7	75.1	74.6	76.8	78.1
1976	97.4	95.4	104.6	91.9	93.8	85.6	89.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.7	99.5	104.6	107.2	108.4	103.2	107.9
1979	90.1	86.6	103.7	118.8	123.6	103.2	107.0
1980	89.9	89.5	91.1	114.3	114.8	112.8	102.8
1981[2]	93.1	92.2	96.0	114.7	115.8	111.2	106.8
Rates of change[3]							
1958-81	.3	(4)	1.1	4.1	4.3	3.3	4.3
1977-81	-2.5	-2.6	-2.2	3.4	3.6	3.1	.8
	Farm and garden machinery SIC 352						
1958	65.1	64.9	65.5	75.9	76.1	75.4	49.4
1960	60.5	61.3	58.6	70.9	70.0	73.2	42.9
1961	62.9	61.3	67.7	72.7	74.5	67.5	45.7
1962	65.1	65.1	64.8	75.0	75.0	75.3	48.8
1963	66.6	64.3	74.3	80.6	83.5	72.3	53.7
1964	70.2	66.9	82.0	85.6	89.9	73.3	60.1
1965	72.2	68.6	84.8	88.6	93.3	75.5	64.0
1966	76.7	72.3	92.7	99.6	105.6	82.4	76.4
1967	76.8	73.3	88.8	95.8	100.4	82.9	73.6
1968	76.7	75.0	82.1	92.3	94.4	86.2	70.8
1969	73.8	73.2	75.9	89.1	89.9	86.7	65.8
1970	75.7	75.2	77.3	86.0	86.6	84.2	65.1
1971	82.4	83.0	81.0	80.3	79.8	81.7	66.2
1972	90.1	87.0	99.9	85.6	86.6	77.2	77.1
1973	94.8	90.7	109.2	98.6	103.1	85.6	93.5
1974	98.2	92.6	118.3	108.9	115.4	90.4	106.9
1975	97.7	95.3	105.2	102.4	104.9	95.1	100.0
1976	101.1	100.5	103.1	97.8	98.4	95.9	98.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.0	100.1	103.5	94.7	95.5	92.4	95.6
1979	103.3	101.7	108.4	111.0	112.8	105.8	114.7
1980	96.3	99.5	88.2	101.0	97.8	110.3	97.3
1981[2]	98.6	103.9	86.3	92.9	88.2	106.1	91.6
	Farm and garden machinery SIC 352—Continued						
Rates of change[3]							
1958-81	2.5	2.6	2.1	1.4	1.3	1.8	3.9
1977-81	-.8	.7	-4.4	-.8	-2.2	3.0	-1.6
	Farm machinery SIC 3523						
1972	90.2	86.3	103.3	82.3	86.0	71.8	74.2
1973	95.6	91.1	111.5	96.3	101.1	82.6	92.1
1974	97.3	91.0	120.5	105.6	112.9	85.2	102.7
1975	98.8	95.6	109.2	102.3	105.7	92.6	101.1
1976	102.2	101.3	104.7	97.6	98.4	95.2	99.7
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	98.4	97.6	100.6	92.6	93.3	90.6	91.1
1979	100.2	98.6	105.2	108.7	110.5	103.5	108.9
1980	94.0	96.6	87.2	100.6	97.9	108.5	94.6
1981[2]	98.0	103.3	85.6	93.1	88.3	106.5	91.2
Rates of change[3]							
1972-81	.5	1.5	-2.6	.8	-.3	4.0	1.2
1977-81	-.9	.5	-4.4	-.6	-2.0	3.1	-1.5
	Lawn and garden equipment SIC 3524						
1972	88.8	90.8	83.3	108.2	105.8	115.4	96.1
1973	89.8	88.2	95.2	114.1	116.2	107.7	102.5
1974	103.0	102.1	105.8	131.0	132.1	127.5	134.9
1975	89.6	92.7	81.5	103.0	99.6	113.2	92.3
1976	94.3	94.8	92.5	99.2	98.6	101.1	93.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	108.6	108.1	110.1	109.2	109.7	107.7	118.6
1979	113.9	112.7	118.0	126.4	127.8	122.0	144.0
1980	107.0	113.9	90.3	103.8	97.5	123.1	111.1
1981[2]	101.3	106.2	88.7	92.4	88.1	105.5	93.6
Rates of change[3]							
1972-81	2.2	2.6	1.0	-1.3	-1.6	-.2	.9
1977-81	.1	1.7	-4.3	-2.1	-3.6	2.4	-2.0
	Construction machinery and equipment SIC 3531						
1958	74.2	77.0	67.8	60.8	58.6	66.5	45.1
1960	62.3	63.7	59.3	73.2	71.6	76.9	45.6
1961	68.2	68.5	67.5	62.3	62.0	63.0	42.5
1962	74.1	72.8	77.8	65.7	66.9	62.6	48.7
1963	75.0	72.2	83.4	70.3	73.0	63.2	52.7
1964	77.9	73.3	91.4	79.1	83.5	67.4	61.6
1965	80.0	75.4	95.1	82.4	87.4	69.3	65.9
1966	81.2	75.1	104.1	83.7	90.6	65.3	68.0
1967	82.5	79.1	93.0	87.4	91.2	77.5	72.1
1968	82.2	80.3	87.5	91.5	93.7	85.9	75.2
1969	83.0	79.9	92.6	93.0	96.6	83.4	77.2
1970	83.4	82.0	87.3	86.0	87.4	82.1	71.7
1971	85.6	85.3	86.6	79.4	79.7	78.5	68.0
1972	91.9	89.0	100.5	89.9	92.8	82.2	82.6

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Construction machinery and equipment SIC 3531—Cont.						
1973	94.0	90.0	106.2	102.6	107.1	90.8	96.4
1974	100.2	96.0	112.9	106.6	111.2	94.6	106.8
1975	93.9	92.3	98.2	99.8	101.5	95.4	93.7
1976	96.3	97.8	92.3	93.4	91.9	97.4	89.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.8	104.4	109.8	111.1	112.6	107.0	117.5
1979	100.3	101.3	98.0	110.0	108.9	112.6	110.3
1980	97.4	102.1	86.8	100.3	95.7	112.5	97.7
1981	96.1	99.8	87.6	93.0	89.6	102.0	89.4
1982[2]	80.7	96.2	56.9	68.8	57.7	97.5	55.5
Rates of change[3]							
1958-82	1.6	1.9	.9	1.7	1.4	2.4	3.3
1977-82	-3.9	-.9	-9.8	-6.9	-9.7	-.8	-10.5
	Machine tools SIC 3541,3542						
1958	71.5	68.6	78.1	88.1	91.9	80.7	63.0
1960	84.7	77.6	103.1	97.8	106.7	80.3	82.8
1961	84.5	78.8	98.6	91.6	98.2	78.5	77.4
1962	88.5	81.5	106.8	99.4	108.0	82.4	88.0
1963	90.1	84.0	105.3	103.2	110.7	88.3	93.0
1964	99.9	90.9	124.4	112.4	123.6	90.3	112.3
1965	101.4	91.7	128.6	123.6	136.6	97.4	125.3
1966	111.7	99.8	146.3	139.8	156.4	106.7	156.1
1967	101.8	92.2	128.4	147.3	162.6	116.7	149.9
1968	97.9	92.4	111.4	140.5	148.9	123.5	137.6
1969	100.1	95.2	111.5	137.7	144.7	123.6	137.8
1970	91.7	89.8	96.0	122.1	124.7	116.7	112.0
1971	87.9	91.6	81.6	92.6	88.9	99.8	81.4
1972	98.0	97.0	100.2	93.1	94.0	91.0	91.2
1973	107.3	101.7	120.5	108.4	114.3	96.5	116.3
1974	109.4	102.7	125.4	116.5	124.1	101.6	127.4
1975	103.0	101.7	106.0	105.9	107.3	102.9	109.1
1976	98.4	97.4	100.4	95.4	96.4	93.5	93.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.5	99.2	109.8	109.1	112.7	101.8	111.8
1979	101.9	97.7	111.4	116.9	121.9	106.9	119.1
1980	98.7	96.4	103.6	119.6	122.5	114.0	118.1
1981	96.5	95.9	97.8	117.5	118.2	116.0	113.4
1982[2]	87.5	94.9	75.8	91.4	84.3	105.5	80.0
Rates of change[3]							
1958-82	.7	1.1	-.3	.3	-.2	1.2	.9
1977-82	-2.5	-1.1	-5.0	-.6	-2.0	2.1	-3.0
	Metal-cutting machine tools SIC 3541						
1958	67.6	63.9	75.8	85.9	90.9	76.6	58.1
1960	81.5	76.6	92.3	99.4	105.7	87.8	81.0
1961	80.0	76.5	87.2	90.9	95.0	83.4	72.7
1962	83.2	78.3	94.2	99.7	106.0	88.1	83.0
1963	84.3	78.3	97.9	104.9	112.9	90.3	88.4
1964	94.9	86.0	117.4	115.1	127.0	93.0	109.2
	Metal-cutting machine tools SIC 3541—Continued						
1965	98.7	88.4	125.7	126.4	141.1	99.3	124.8
1966	107.8	95.7	141.3	143.5	161.6	109.5	154.7
1967	98.0	87.5	126.2	153.6	172.1	119.3	150.6
1968	95.7	89.0	111.0	146.1	157.0	125.9	139.8
1969	97.5	91.7	110.2	142.5	151.5	126.1	139.0
1970	89.5	88.1	91.9	119.8	121.7	116.7	107.2
1971	85.5	89.3	78.7	88.0	84.2	95.5	75.2
1972	94.8	94.3	95.8	88.5	89.0	87.6	83.9
1973	105.5	99.8	117.8	102.9	108.8	92.2	108.6
1974	108.9	101.2	126.5	112.3	120.8	96.7	122.3
1975	102.9	100.7	107.3	104.5	106.7	100.2	107.5
1976	97.3	96.4	99.0	95.1	96.0	93.4	92.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	103.6	98.8	114.3	109.7	115.1	99.5	113.7
1979	103.1	97.6	115.4	118.5	125.2	105.9	122.2
1980	100.9	96.7	110.0	123.6	129.0	113.4	124.7
1981	99.3	96.7	104.3	125.3	128.6	119.3	124.4
1982[2]	91.3	98.1	80.8	95.2	88.6	107.6	86.9
Rates of change[3]							
1958-82	1.0	1.4	.4	.3	([4])	1.0	1.4
1977-82	-1.7	-.5	-3.9	.6	-.7	2.8	-1.2
	Metal-forming machine tools SIC 3542						
1958	83.6	83.2	84.5	93.8	94.2	92.8	78.4
1960	94.5	81.4	152.0	94.1	109.2	58.5	88.9
1961	98.0	86.6	141.4	93.8	106.1	65.0	91.9
1962	105.7	92.5	158.8	98.7	112.8	65.7	104.3
1963	108.4	101.3	129.8	99.2	106.1	82.8	107.5
1964	115.5	105.8	147.6	105.8	115.5	82.8	122.2
1965	109.3	100.5	137.9	116.3	126.5	92.2	127.1
1966	123.1	111.3	164.4	130.6	144.5	97.8	160.8
1967	112.7	105.0	136.2	131.2	140.8	108.6	147.9
1968	103.9	100.7	112.4	126.8	130.8	117.2	131.7
1969	107.0	103.9	115.4	125.5	129.3	116.4	134.3
1970	98.5	95.4	107.0	128.1	132.3	117.9	126.2
1971	95.7	99.3	88.3	104.1	100.3	112.8	99.6
1972	107.5	106.0	111.2	104.3	105.8	100.8	112.1
1973	114.1	109.2	127.4	122.0	127.5	109.3	139.2
1974	111.9	108.0	122.4	127.4	132.0	116.4	142.5
1975	104.0	104.5	102.8	109.7	109.2	111.0	114.1
1976	101.7	100.5	104.8	96.5	97.6	93.6	98.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.9	100.2	99.4	107.3	107.0	107.9	107.2
1979	98.4	97.3	101.1	113.0	114.3	110.0	111.2
1980	92.4	94.6	87.7	109.8	107.3	115.7	101.5
1981	88.0	91.3	81.1	97.4	93.9	105.7	85.7
1982[2]	76.5	84.2	62.8	81.6	74.1	99.3	62.4
Rates of change[3]							
1958-82	-.4	.3	-2.3	.1	-.6	2.0	-.3
1977-82	-5.0	-3.3	-8.4	-3.7	-5.4	-.1	-8.5

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Pumps and compressors SIC 3561,3563						
1958	64.5	64.5	64.5	63.7	63.7	63.7	41.1
1960	66.6	65.2	69.0	67.0	68.4	64.6	44.6
1961	69.2	68.3	70.7	63.4	64.3	62.1	43.9
1962	73.6	72.8	75.2	66.0	66.8	64.6	48.6
1963	78.2	75.5	84.0	66.2	68.6	61.7	51.8
1964	79.4	76.2	85.6	74.3	77.4	68.9	59.0
1965	81.0	77.2	88.8	80.6	84.6	73.5	65.3
1966	81.2	76.5	91.1	86.9	92.3	77.5	70.6
1967	82.5	78.9	89.6	85.0	88.9	78.2	70.1
1968	82.3	82.0	82.8	83.0	83.3	82.5	68.3
1969	86.3	84.5	89.6	85.7	87.6	82.6	74.0
1970	85.8	85.8	85.9	87.2	87.2	87.1	74.8
1971	87.1	89.8	82.8	79.7	77.3	83.8	69.4
1972	91.1	90.7	91.9	83.6	84.0	82.9	76.2
1973	97.9	95.9	101.4	89.7	91.6	86.6	87.8
1974	96.7	93.6	102.5	97.2	100.4	91.7	94.0
1975	91.4	92.2	89.9	95.3	94.5	96.9	87.1
1976	96.8	97.8	95.1	94.4	93.5	96.1	91.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.6	102.3	103.1	104.4	104.7	103.9	107.1
1979	102.5	102.1	103.2	111.7	112.1	110.9	114.5
1980	99.6	100.9	97.6	113.0	111.6	115.4	112.6
1981[2]	102.7	106.5	96.5	108.9	105.0	115.9	111.8
Rates of change[3]							
1958-81	2.0	2.2	1.7	2.6	2.4	2.9	4.6
1977-81	.2	1.1	-1.3	2.5	1.6	4.1	2.8
	Pumps and pumping equipment SIC 3561						
1972	90.8	89.9	92.5	89.2	90.1	87.6	81.0
1973	94.1	92.0	98.6	97.4	99.7	93.0	91.7
1974	93.6	90.6	99.6	98.2	101.4	92.3	91.9
1975	89.9	92.2	85.8	100.6	98.0	105.4	90.4
1976	92.7	94.6	89.6	100.2	98.2	103.7	92.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	101.1	101.2	101.0	104.9	104.8	105.1	106.1
1979	100.7	100.7	100.8	110.8	110.8	110.7	111.6
1980	96.9	98.7	93.7	115.8	113.7	119.8	112.2
1981[2]	100.6	105.1	93.4	112.3	107.5	121.0	113.0
Rates of change[3]							
1972-81	1.2	1.7	.2	2.5	1.9	3.4	3.7
1977-81	-.3	.7	-2.1	3.4	2.3	5.3	3.0
	Air and gas compressors SIC 3563						
1972	92.1	93.7	89.7	72.4	71.2	74.4	66.7
1973	106.8	107.4	106.1	74.7	74.3	75.2	79.8
1974	103.0	100.0	108.1	95.3	98.2	90.8	98.2
1975	94.7	92.3	98.8	85.0	87.2	81.5	80.5
1976	106.4	105.9	107.3	83.1	83.5	82.4	88.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.5	104.4	107.3	103.4	104.5	101.7	109.1
1979	106.1	104.8	108.2	113.5	114.9	111.3	120.4
	Air and gas compressors SIC 3563—Continued						
1980	105.5	105.8	105.1	107.6	107.3	108.0	113.5
1981[2]	106.8	109.7	102.5	102.4	99.7	106.7	109.4
Rates of change[3]							
1972-81	1.0	1.1	.8	4.5	4.4	4.7	5.6
1977-81	1.3	2.0	.3	.9	.2	1.9	2.2
	Ball and roller bearings SIC 3562						
1958	52.7	51.9	55.6	75.7	76.9	71.8	39.9
1960	64.7	62.4	73.9	88.6	91.8	77.5	57.3
1961	66.5	64.8	72.8	83.4	85.6	76.2	55.5
1962	72.4	69.6	83.9	91.9	95.6	79.3	66.5
1963	73.5	72.4	77.5	93.2	94.6	88.4	68.5
1964	79.3	76.9	88.5	98.6	101.7	88.4	78.2
1965	90.0	86.3	105.0	105.8	110.3	90.7	95.2
1966	90.1	86.3	106.3	118.5	123.8	100.5	106.8
1967	86.7	84.1	96.8	115.6	119.2	103.5	100.2
1968	89.8	89.2	91.5	110.6	111.3	108.5	99.3
1969	87.8	86.5	92.2	116.2	117.9	110.6	102.0
1970	85.5	86.3	82.4	104.0	103.0	107.9	88.9
1971	88.6	90.6	82.3	91.4	89.4	98.4	81.0
1972	98.6	97.4	102.8	97.6	98.8	93.6	96.2
1973	103.1	100.5	112.8	108.0	110.8	98.7	111.3
1974	104.3	102.0	113.4	108.7	111.2	100.0	113.4
1975	97.5	97.9	96.1	96.0	95.6	97.4	93.6
1976	99.0	98.7	99.7	95.6	95.8	94.9	94.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.6	105.1	107.7	101.1	101.6	99.2	106.8
1979	105.3	103.0	113.6	106.3	108.6	98.5	111.9
1980	94.7	92.6	102.4	104.8	107.1	96.9	99.2
1981	93.4	92.3	96.9	103.8	105.0	100.0	96.9
1982[2]	86.4	89.9	76.2	84.8	81.5	96.2	73.3
Rates of change[3]							
1958-82	2.0	2.2	1.4	.4	.3	1.1	2.5
1977-82	-3.4	-2.9	-5.0	-2.1	-2.6	-.5	-5.5
	Transformers SIC 3612						
1963	67.5	67.6	67.1	76.9	76.8	77.3	51.9
1964	73.3	71.9	77.0	80.5	82.1	76.6	59.0
1965	79.9	77.0	87.4	87.1	90.4	79.6	69.6
1966	75.8	72.9	83.7	97.7	101.7	88.5	74.1
1967	75.5	73.0	82.1	105.3	108.9	96.8	79.5
1968	80.2	77.5	87.1	106.6	110.3	98.2	85.5
1969	88.6	85.1	97.7	104.2	108.5	94.5	92.3
1970	89.1	84.9	100.6	108.5	113.9	96.1	96.7
1971	94.4	90.1	105.8	103.6	108.5	92.4	97.8
1972	98.1	94.1	109.1	106.5	111.1	95.8	104.5
1973	96.9	91.5	112.4	119.4	126.5	102.9	115.7
1974	92.7	88.5	104.2	121.9	127.7	108.4	113.0
1975	89.3	92.0	83.9	95.7	92.9	101.9	85.5
1976	90.1	92.0	85.9	95.7	93.7	100.3	86.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Transformers SIC 3612—Continued						
1978	103.4	102.1	106.7	103.2	104.5	100.0	106.7
1979	108.5	105.9	114.9	103.9	106.4	98.1	112.7
1980	110.8	111.5	109.4	99.9	99.3	101.2	110.7
1981	107.0	106.1	109.3	101.5	102.4	99.4	108.6
1982[2]	103.1	102.5	104.3	91.2	91.7	90.1	94.0
Rates of change[3]							
1963-82	2.2	2.4	1.8	.7	.5	1.1	2.9
1977-82	.8	.8	.7	-1.6	-1.6	-1.4	-.8
	Switchgear and switchboard apparatus SIC 3613						
1963	70.9	71.3	69.8	77.4	77.0	78.6	54.9
1964	70.2	72.4	64.8	81.9	79.4	88.8	57.5
1965	74.4	74.3	74.5	83.5	83.6	83.4	62.1
1966	78.7	76.8	84.5	94.5	96.9	88.0	74.4
1967	79.1	77.3	84.1	98.4	100.6	92.5	77.8
1968	79.1	78.8	79.7	93.2	93.5	92.5	73.7
1969	85.9	85.2	88.3	97.5	98.4	94.9	83.8
1970	83.3	84.1	81.0	96.8	95.8	99.5	80.6
1971	89.2	90.7	85.6	93.9	92.4	97.9	83.8
1972	96.3	97.1	94.4	98.0	97.2	100.0	94.4
1973	101.5	100.7	103.5	106.4	107.2	104.3	108.0
1974	97.1	96.2	99.8	103.1	104.1	100.3	100.1
1975	93.4	99.2	80.8	87.7	82.6	101.3	81.9
1976	95.3	99.1	86.5	89.1	85.7	98.1	84.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.4	102.6	101.8	104.5	104.3	105.1	107.0
1979	102.7	104.2	98.9	106.9	105.4	111.0	109.8
1980	102.6	107.1	92.2	101.4	97.1	112.8	104.0
1981	98.4	102.2	89.5	99.2	95.5	109.1	97.6
1982[2]	97.1	103.9	82.7	90.2	84.3	105.9	87.6
Rates of change[3]							
1963-82	2.0	2.3	1.4	.8	.6	1.5	2.9
1977-82	-.8	.6	-3.9	-2.0	-3.4	1.2	-2.8
	Motors and generators SIC 3621						
1954	49.9	51.9	43.9	115.1	110.6	130.7	57.4
1955	51.1	52.8	46.0	118.1	114.3	131.2	60.4
1960	62.0	66.5	50.3	104.0	97.0	128.3	64.5
1961	66.3	71.3	53.3	98.3	91.5	122.3	65.2
1962	73.7	77.4	63.4	97.8	93.1	113.7	72.1
1963	74.7	77.1	67.3	99.3	96.2	110.3	74.2
1964	82.5	85.2	74.3	100.6	97.4	111.7	83.0
1965	88.3	88.6	87.1	107.9	107.6	109.4	95.3
1966	90.3	88.3	97.6	116.9	119.6	108.2	105.6
1967	87.1	87.1	86.8	118.2	118.2	118.5	102.9
1968	89.2	89.8	87.3	116.0	115.2	118.5	103.5
1969	89.8	90.2	88.1	116.5	116.0	118.7	104.6
1970	87.8	89.5	82.2	107.9	105.8	115.2	94.7
1971	94.8	96.9	87.8	98.2	96.1	106.0	93.1
1972	95.7	95.5	96.7	95.3	95.5	94.3	91.2
1973	100.7	98.0	110.2	104.8	107.7	95.7	105.5
	Motors and generators SIC 3621—Continued						
1974	100.1	98.8	[illegible]	103.2	104.6	98.8	103.3
1975	93.0	96.3	[illegible]	84.3	81.4	94.1	78.4
1976	95.9	94.6	[illegible]	92.8	94.1	88.5	89.0
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	98.6	97.8	[illegible]	109.0	109.9	106.1	107.5
1979	97.9	98.3	[illegible]	110.9	110.5	112.2	108.6
1980	94.9	98.3	[illegible]	97.1	93.7	108.7	92.1
1981	97.7	99.6	[illegible]	95.8	94.0	102.1	93.6
1982[2]	101.3	106.0	[illegible]	77.1	73.7	88.8	78.1
Rates of change[3]							
1954-82	2.6	2.4	3.2	-.7	-.5	-1.2	1.9
1977-82	([4])	1.0	-3.0	-5.1	-6.0	-2.1	-5.1
	Major household appliances SIC 3631,3632,3633,3639						
1958	38.5	40.2	32.5	105.5	100.9	124.9	40.6
1960	43.8	45.2	38.5	107.6	104.1	122.4	47.1
1961	46.6	48.4	40.3	99.9	96.2	115.7	46.6
1962	50.8	51.5	48.0	103.0	101.6	109.0	52.3
1963	57.9	57.7	59.1	100.1	100.6	98.1	58.0
1964	60.4	59.9	62.5	106.6	107.6	103.0	64.4
1965	62.2	61.9	63.4	112.2	112.7	110.1	69.8
1966	62.4	61.2	67.8	117.8	120.1	108.4	73.5
1967	66.0	65.7	67.7	114.2	114.8	111.4	75.4
1968	69.5	68.6	73.7	120.3	121.9	113.4	83.6
1969	71.9	71.9	71.8	116.3	116.2	116.5	83.6
1970	70.2	70.5	69.1	114.8	114.4	116.7	80.6
1971	80.1	80.7	77.5	95.1	94.4	98.3	76.2
1972	87.9	87.2	91.0	100.6	101.4	97.1	88.4
1973	89.5	88.5	94.1	107.5	108.7	102.2	96.2
1974	89.6	90.3	87.0	96.2	95.5	99.1	86.2
1975	93.6	96.0	84.6	84.9	82.8	94.0	79.5
1976	96.6	99.1	88.0	91.6	89.3	100.6	88.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.5	100.4	101.1	103.7	103.8	103.1	104.2
1979	108.9	109.1	107.9	98.2	98.0	99.1	106.9
1980	105.9	107.0	101.6	91.8	90.8	95.7	97.2
1981	108.1	108.2	107.6	90.2	90.1	90.6	97.5
1982[2]	106.3	110.6	91.4	79.6	76.5	92.6	84.6
Rates of change[3]							
1958-82	4.4	4.4	4.5	-.9	-.8	-1.0	3.5
1977-82	1.4	2.0	-.9	-4.5	-5.1	-2.3	-3.2
	Household cooking equipment SIC 3631						
1958	49.5	47.7	55.9	73.8	76.6	65.3	36.5
1960	50.8	50.9	50.2	79.6	79.3	80.5	40.4
1961	52.6	52.2	53.7	75.3	75.8	73.7	39.6
1962	54.5	54.1	55.6	73.4	73.9	72.0	40.0
1963	59.5	56.3	72.2	78.1	82.6	64.4	46.5
1964	60.1	57.9	68.3	79.0	82.1	69.5	47.5
1965	63.1	59.4	78.1	84.9	90.2	68.6	53.6
1966	62.4	58.6	78.3	84.0	89.4	66.9	52.4

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Household cooking equipment SIC 3631—Continued						
1967	62.3	59.4	73.6	81.0	85.0	68.6	50.5
1968	67.7	63.9	82.4	85.7	90.7	70.4	58.0
1969	70.7	68.2	79.6	86.8	90.0	77.1	61.4
1970	68.7	66.4	76.8	87.2	90.2	78.0	59.9
1971	75.0	72.7	83.5	86.8	89.6	78.0	65.1
1972	80.3	76.4	96.0	95.1	100.0	79.6	76.4
1973	84.9	80.3	102.9	102.8	108.7	84.8	87.3
1974	87.9	87.2	89.7	85.7	86.4	83.9	75.3
1975	97.8	98.4	95.7	71.4	70.9	72.9	69.8
1976	100.7	101.3	98.4	91.1	90.5	93.2	91.7
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.3	98.4	106.5	108.0	110.1	101.7	108.3
1979	108.5	109.9	104.5	115.8	114.4	120.3	125.7
1980	103.4	103.0	105.0	114.4	114.9	112.7	118.3
1981	104.9	102.3	114.1	111.5	114.4	102.5	117.0
1982[2]	91.2	93.7	84.1	107.8	104.9	116.9	98.3
Rates of change[3]							
1958-82	3.5	3.7	2.9	1.7	1.5	2.3	5.3
1977-82	-1.1	-.8	-1.9	1.3	1.0	2.1	.2
	Household refrigerators and freezers SIC 3632						
1958	33.9	35.0	29.3	119.0	115.3	138.0	40.4
1960	41.0	41.3	39.2	131.0	130.0	137.1	53.7
1961	43.8	44.3	40.9	119.0	117.5	127.3	52.1
1962	47.2	46.7	50.2	126.9	128.4	119.4	59.9
1963	55.5	55.9	53.3	124.0	123.0	129.1	68.8
1964	59.5	59.2	60.7	133.5	134.2	130.9	79.4
1965	61.4	61.3	61.7	143.0	143.2	142.4	87.8
1966	62.1	61.1	67.5	153.7	156.2	141.5	95.5
1967	67.7	67.6	68.0	148.4	148.6	147.7	100.5
1968	70.9	70.6	72.2	156.7	157.4	153.9	111.1
1969	74.1	74.8	71.1	145.0	143.8	151.3	107.5
1970	71.7	72.4	68.6	139.6	138.3	145.9	100.1
1971	87.2	87.7	85.3	91.7	91.2	93.8	80.0
1972	96.0	95.1	100.1	96.9	97.8	92.9	93.0
1973	95.6	95.9	94.1	99.3	99.0	100.9	94.9
1974	96.8	97.9	90.7	92.9	91.8	99.1	89.9
1975	94.5	97.9	80.1	94.4	91.1	111.4	89.2
1976	94.0	97.6	79.4	92.0	88.6	108.9	86.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	98.4	97.9	100.9	104.4	104.9	101.8	102.7
1979	112.2	110.2	123.4	78.9	80.3	71.7	88.5
1980	114.3	114.3	114.1	70.7	70.7	70.8	80.8
1981	117.2	117.2	116.7	69.6	69.6	69.9	81.6
1982[2]	124.9	130.3	102.9	54.7	52.4	66.4	68.3
Rates of change[3]							
1958-82	5.2	5.2	5.0	-2.9	-3.0	-2.8	2.1
1977-82	4.8	5.6	1.4	-11.7	-12.3	-8.7	-7.4

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Household laundry equipment SIC 3633						
1958	39.8	43.8	28.4	133.9	121.8	187.9	53.3
1960	42.5	46.7	30.3	123.1	111.9	172.6	52.3
1961	46.4	51.5	32.3	114.8	103.4	165.2	53.3
1962	51.6	56.2	37.9	113.4	104.1	154.5	58.5
1963	61.3	61.5	60.3	98.4	98.1	100.0	60.3
1964	60.8	60.5	61.9	111.1	111.6	109.1	67.5
1965	61.5	64.4	51.1	114.5	109.3	137.8	70.4
1966	63.5	64.2	60.4	123.9	122.5	130.3	78.7
1967	67.1	67.9	63.5	116.1	114.7	122.7	77.9
1968	69.0	68.7	70.1	124.7	125.2	122.7	86.0
1969	69.4	69.6	68.0	124.7	124.2	127.2	86.5
1970	70.7	72.0	65.4	116.4	114.3	125.8	82.3
1971	78.3	79.2	74.6	113.9	112.6	119.6	89.2
1972	83.2	82.6	85.6	124.7	125.6	121.2	103.7
1973	88.5	87.7	92.1	126.1	127.3	121.2	111.6
1974	85.0	86.2	79.9	112.5	110.9	119.6	95.6
1975	93.6	95.3	86.4	86.6	85.1	93.9	81.1
1976	99.0	100.6	92.8	90.8	89.4	96.9	89.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.3	102.3	102.6	100.3	100.3	100.0	102.6
1979	108.2	106.7	115.6	103.6	105.1	97.0	112.1
1980	102.2	102.8	99.3	97.2	96.6	100.0	99.3
1981	104.0	103.7	105.5	95.3	95.6	93.9	99.1
1982[2]	103.5	108.6	86.0	85.6	81.6	103.0	88.6
Rates of change[3]							
1958-82	4.2	3.9	5.4	-1.3	-.9	-2.4	2.9
1977-82	.5	1.2	-2.3	-2.8	-3.5	(4)	-2.3
	Household appliances nec SIC 3639						
1958	43.4	50.6	26.4	92.8	79.7	152.7	40.3
1960	51.6	57.8	34.6	81.6	72.9	121.8	42.1
1961	54.6	62.0	35.3	78.7	69.4	121.8	43.0
1962	60.9	65.9	45.0	84.6	78.1	114.5	51.5
1963	63.8	67.8	50.1	84.3	79.3	107.3	53.8
1964	69.0	73.4	54.2	84.3	79.3	107.3	58.2
1965	70.4	73.1	60.2	83.9	80.9	98.2	59.1
1966	65.6	68.4	55.3	84.3	80.9	100.0	55.3
1967	67.6	72.4	51.9	87.9	82.1	114.5	59.4
1968	72.5	76.5	58.4	87.9	83.3	109.0	63.7
1969	73.1	78.6	55.2	89.2	82.9	118.2	65.2
1970	70.4	74.8	55.2	101.2	95.2	129.1	71.2
1971	76.2	82.3	57.0	93.8	86.9	125.4	71.5
1972	90.8	96.8	70.4	88.8	83.3	114.5	80.6
1973	85.2	86.7	78.9	111.1	109.2	120.0	94.7
1974	84.5	85.3	80.6	100.6	99.7	105.5	85.0
1975	88.8	93.4	72.4	83.0	78.9	101.8	73.7
1976	93.0	95.7	82.4	91.8	89.2	103.7	85.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.0	107.2	91.7	99.3	96.4	112.7	103.3
1979	104.3	105.6	98.9	106.9	105.6	112.7	111.5
1980	101.6	104.0	91.5	96.7	94.4	107.3	98.2
1981	103.9	105.7	96.3	96.1	94.4	103.6	99.8
1982[2]	113.0	112.4	115.0	83.3	83.7	81.8	94.1

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Household appliances nec SIC 3639—Continued						
Rates of change[3]							
1958-82	3.5	3.0	5.3	0.7	1.2	-1.0	4.2
1977-82	1.7	1.5	2.2	-3.1	-3.0	-3.7	-1.5
	Electric lamps SIC 3641						
1954	62.5	62.9	60.1	66.4	66.0	69.1	41.5
1955	66.6	66.5	67.0	69.5	69.6	69.1	46.3
1960	75.5	76.1	71.8	75.2	74.6	79.1	56.8
1961	74.5	75.3	68.9	70.9	70.1	76.6	52.8
1962	79.2	79.6	76.1	75.3	74.9	78.3	59.6
1963	80.8	80.8	82.0	77.5	77.5	76.3	62.6
1964	83.4	83.4	84.0	78.9	78.9	78.3	65.8
1965	88.7	88.0	94.4	83.3	84.0	78.3	73.9
1966	89.3	88.0	100.1	92.4	93.8	82.4	82.5
1967	87.5	86.8	93.1	94.3	95.1	88.6	82.5
1968	90.4	89.6	97.0	100.2	101.1	93.4	90.6
1969	89.4	89.2	91.2	98.5	98.8	96.6	88.1
1970	88.3	87.3	96.9	100.2	101.4	91.3	88.5
1971	87.5	86.9	92.1	100.6	101.3	95.6	88.0
1972	92.8	91.6	101.9	107.2	108.6	97.6	99.5
1973	90.1	88.5	103.5	116.6	118.7	101.5	105.1
1974	89.9	89.5	91.7	107.5	107.9	105.3	96.6
1975	96.4	96.9	93.5	92.2	91.7	95.1	88.9
1976	102.9	102.7	103.5	98.1	98.2	97.5	100.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	103.0	102.6	105.7	100.5	100.9	97.9	103.5
1979	106.2	105.1	114.9	101.2	102.3	93.6	107.5
1980	104.7	104.2	108.1	94.5	94.9	91.5	98.9
1981	108.8	109.1	107.3	86.0	85.8	87.2	93.6
1982[2]	111.5	111.5	111.2	78.5	78.5	78.7	87.5
Rates of change[3]							
1954-82	1.9	1.8	2.1	1.3	1.4	1.1	3.2
1977-82	2.0	2.1	1.5	-4.9	-4.9	-4.4	-3.0
	Lighting fixtures SIC 3645,3646,3647,3648						
1961	61.9	58.4	75.7	75.1	79.6	61.4	46.5
1962	67.5	63.3	84.4	79.1	84.3	63.3	53.4
1963	67.5	63.9	81.2	83.0	87.6	69.0	56.0
1964	69.0	66.0	80.0	87.0	90.9	75.0	60.0
1965	72.3	67.5	91.2	95.9	102.6	76.0	69.3
1966	74.4	70.1	91.7	99.0	105.2	80.4	73.7
1967	74.1	70.7	86.7	99.2	104.0	84.8	73.5
1968	76.2	73.5	85.8	103.7	107.5	92.1	79.0
1969	80.1	77.8	88.5	110.8	114.2	100.3	88.8
1970	78.1	77.3	80.8	105.8	106.9	102.2	82.6
1971	83.7	82.1	88.9	102.5	104.5	96.5	85.8
1972	90.7	88.3	99.0	110.1	113.1	100.9	99.9
1973	93.8	89.9	107.4	115.4	120.3	100.7	108.2
1974	90.3	89.0	94.8	102.0	103.5	97.2	92.1
1975	89.2	90.1	86.7	86.1	85.2	88.6	76.8
1976	95.1	93.5	100.7	93.8	95.4	88.6	89.2
	Lighting fixtures SIC 3645,3646,3647,3648—Continued						
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.6	99.4	104.0	104.8	106.0	101.3	105.4
1979	95.0	94.7	95.6	111.8	112.1	111.1	106.2
1980	93.9	95.7	88.7	105.2	103.2	111.4	98.8
1981	89.4	91.4	84.1	106.8	104.5	113.6	95.5
1982[2]	85.1	87.5	78.3	99.9	97.1	108.5	85.0
Rates of change[3]							
1961-82	2.0	2.4	.6	1.1	.7	2.5	3.1
1977-82	-3.3	-2.6	-5.4	([4])	-.8	2.2	-3.3
	Radio and television receiving sets SIC 3651						
1958	41.8	40.8	45.5	92.0	94.3	84.7	38.5
1960	45.8	44.5	50.3	99.0	101.7	90.1	45.3
1961	46.9	46.3	48.7	103.8	105.2	99.9	48.7
1962	52.2	50.0	61.2	114.4	119.4	97.6	59.7
1963	58.1	54.1	76.7	112.3	120.5	85.0	65.2
1964	57.9	53.7	77.8	121.7	131.2	90.6	70.5
1965	63.5	58.1	92.1	142.6	155.9	98.4	90.6
1966	65.5	59.1	101.3	181.3	200.9	117.2	118.7
1967	66.5	61.6	90.0	159.5	172.1	117.8	106.0
1968	71.0	66.7	90.2	154.5	164.5	121.6	109.7
1969	68.4	65.2	81.3	145.9	153.0	122.7	99.8
1970	70.6	71.2	68.4	123.8	122.7	127.8	87.4
1971	74.2	73.2	77.4	123.9	125.6	118.7	91.9
1972	87.8	83.7	104.5	118.5	124.3	99.6	104.1
1973	87.9	83.2	108.5	124.9	132.0	101.2	109.8
1974	87.2	85.9	91.0	114.8	116.5	110.0	100.1
1975	90.1	91.6	85.5	91.9	90.4	96.8	82.8
1976	100.8	103.4	92.9	96.5	94.1	104.7	97.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	113.1	116.7	102.1	101.9	98.7	112.8	115.2
1979	118.2	121.7	107.8	92.9	90.2	101.9	109.8
1980	116.4	121.7	101.3	89.2	85.3	102.5	103.8
1981[2]	126.9	133.1	110.0	81.8	78.0	94.4	103.8
Rates of change[3]							
1958-81	4.8	5.2	3.2	-.9	-1.3	.6	3.8
1977-81	5.2	6.3	1.8	-5.2	-6.2	-2.1	-.3
	Motor vehicles and equipment SIC 371						
1957	47.6	47.5	48.0	76.4	76.6	75.8	36.4
1960	55.1	55.2	54.5	72.1	71.9	72.9	39.7
1961	55.9	57.7	50.4	61.7	59.8	68.5	34.5
1962	61.3	61.5	60.8	71.1	70.9	71.7	43.6
1963	63.7	63.7	63.4	76.5	76.4	76.8	48.7
1964	64.4	64.8	63.1	78.0	77.5	79.6	50.2
1965	68.6	67.7	72.2	89.3	90.6	84.9	61.3
1966	68.9	68.9	69.5	89.2	89.3	88.5	61.5
1967	69.3	70.5	65.6	80.9	79.6	85.5	56.1
1968	75.0	74.7	76.2	90.9	91.3	89.5	68.2
1969	73.6	73.9	72.4	92.3	91.9	93.8	67.9
1970	70.5	72.5	64.1	78.2	76.0	86.0	55.1

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
Motor vehicles and equipment SIC 371—Continued							
1971	81.9	82.4	80.3	84.5	84.0	86.2	69.2
1972	84.5	84.7	84.0	90.6	90.4	91.2	76.6
1973	85.7	85.9	85.1	102.4	102.2	103.2	87.8
1974	82.1	84.7	74.0	89.6	86.9	99.5	73.6
1975	87.7	89.8	80.9	77.4	75.6	83.9	67.9
1976	93.9	94.2	92.7	91.4	91.1	92.6	85.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.7	99.7	99.8	104.7	104.7	104.6	104.4
1979	98.5	100.0	93.6	98.7	97.2	103.9	97.2
1980	92.2	99.4	73.7	76.8	71.2	96.1	70.8
1981	95.0	100.1	80.7	78.1	74.1	92.0	74.2
1982[2]	100.4	107.4	82.2	69.1	64.6	84.4	69.4
Rates of change[3]							
1957-82	3.1	3.2	2.7	1.0	.9	1.4	4.1
1977-82	-.5	1.0	-5.2	-8.2	-9.6	-3.7	-8.7
Instruments to measure electricity SIC 3825							
1972	84.7	81.8	90.0	84.7	87.7	79.7	71.7
1973	90.8	85.4	101.4	92.7	98.6	83.0	84.2
1974	92.0	87.1	101.2	102.2	107.9	92.9	94.0
1975	95.9	95.4	96.6	89.6	90.0	88.9	85.9
1976	95.5	94.7	97.0	91.5	92.3	90.1	87.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.3	102.0	97.3	115.2	113.2	118.7	115.5
1979	99.0	103.9	92.0	129.3	123.2	139.2	128.0
1980	106.3	117.4	92.1	142.0	128.6	163.9	151.0
1981[2]	109.1	125.2	90.1	141.7	123.5	171.5	154.6
Rates of change[3]							
1972-81	2.4	4.5	-.7	6.0	3.9	9.3	8.6
1977-81	2.4	6.1	-2.6	9.5	5.7	15.0	12.1
Railroad transportation-revenue traffic SIC 401							
1947	30.0	28.2	54.0	338.2	360.2	187.8	101.4
1950	31.4	29.7	51.5	267.7	283.0	163.0	84.0
1955	37.4	35.9	53.6	226.2	236.2	158.0	84.7
1960	45.1	44.1	53.3	164.2	167.9	139.0	74.1
1961	48.7	47.9	55.2	150.3	152.9	132.6	73.2
1962	52.2	51.3	59.7	147.8	150.5	129.3	77.2
1963	54.9	53.9	62.7	144.4	147.1	126.5	79.3
1964	58.4	57.4	66.5	142.9	145.4	125.6	83.5
1965	65.1	64.3	71.4	135.3	137.1	123.4	88.1
1966	70.2	69.2	77.3	132.4	134.3	120.2	92.9
1967	72.2	71.2	79.8	125.2	126.9	113.3	90.4
1968	76.0	75.2	82.9	122.7	124.1	112.6	93.3
1969	79.0	78.1	85.7	120.0	121.4	110.6	94.8
1970	77.7	76.9	83.1	117.5	118.7	109.9	91.3
1971	80.8	80.5	83.5	110.5	111.0	107.0	89.3
1972	88.0	87.7	89.5	107.1	107.4	105.2	94.2
1973	96.4	95.9	99.0	107.1	107.6	104.2	103.2
1974	93.7	93.3	96.8	108.1	108.6	104.6	101.3
1975	89.5	89.9	86.1	98.0	97.5	101.9	87.7
Railroad transportation-revenue traffic SIC 401—Continued							
1976	95.4	95.5	94.0	99.2	99.1	100.6	94.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.5	104.7	103.5	98.0	97.8	98.9	102.4
1979	104.7	104.8	104.1	99.2	99.1	99.8	103.9
1980	107.3	108.4	101.4	94.2	93.3	99.7	101.1
1981	111.7	113.5	101.6	88.9	87.5	97.7	99.3
1982[2]	115.9	119.4	97.0	75.3	73.1	90.0	87.3
Rates of change[3]							
1947-82	4.5	4.7	2.6	-3.8	-4.0	-2.0	.5
1977-82	2.8	3.4	-.7	-4.9	-5.4	-1.6	-2.3
Railroad transportation-car miles SIC 401							
1947	36.6	34.3	65.9	338.2	360.2	187.8	123.7
1950	42.6	40.3	69.9	267.7	283.0	163.0	114.0
1955	51.8	49.6	74.1	226.2	236.2	158.0	117.1
1960	63.3	61.9	74.7	164.2	167.9	139.0	103.9
1961	66.7	65.5	75.6	150.3	152.9	132.6	100.2
1962	68.9	67.7	78.8	147.8	150.5	129.3	101.9
1963	71.3	70.0	81.4	144.4	147.1	126.5	103.0
1964	73.8	72.5	83.9	142.9	145.4	125.6	105.4
1965	78.7	77.7	86.3	135.3	137.1	123.4	106.5
1966	82.8	81.6	91.2	132.4	134.3	120.2	109.6
1967	85.1	83.9	94.0	125.2	126.9	113.3	106.5
1968	86.9	85.9	94.7	122.7	124.1	112.6	106.6
1969	88.9	87.9	96.5	120.0	121.4	110.6	106.7
1970	89.1	88.2	95.3	117.5	118.7	109.9	104.7
1971	92.0	91.6	95.0	110.5	111.0	107.0	101.7
1972	98.3	98.0	100.1	107.1	107.4	105.2	105.3
1973	101.4	100.9	104.2	107.1	107.6	104.2	108.6
1974	98.9	98.4	102.2	108.1	108.6	104.6	106.9
1975	98.3	98.8	94.5	98.0	97.5	101.9	96.3
1976	100.1	100.2	98.7	99.2	99.1	100.6	99.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.8	103.0	101.8	98.0	97.8	98.9	100.7
1979	102.9	103.0	102.3	99.2	99.1	99.8	102.1
1980	107.9	108.9	101.9	94.2	93.3	99.7	101.6
1981	107.6	109.4	98.0	88.9	87.5	97.7	95.7
1982[2]	109.7	113.0	91.8	75.3	73.1	90.0	82.6
Rates of change[3]							
1947-82	3.4	3.6	1.4	-3.8	-4.0	-2.0	-.6
1977-82	1.9	2.5	-1.5	-4.9	-5.4	-1.6	-3.1
Bus carriers, class I, parts of SIC 4111,4131,414							
1954	88.9	-	-	121.2	-	-	107.8
1955	92.3	-	-	114.6	-	-	105.8
1960	96.1	-	-	105.0	-	-	100.9
1961	97.9	-	-	105.4	-	-	103.2
1962	107.1	-	-	107.7	-	-	115.4
1963	108.7	-	-	106.6	-	-	115.9
1964	109.8	-	-	109.9	-	-	120.7
1965	116.3	-	-	109.4	-	-	127.2
1966	118.8	-	-	111.8	-	-	132.8

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Bus carriers, class I, parts of SIC 4111,4131,414—Cont.						
1967	114.8	–	–	116.6	–	–	133.9
1968	113.2	–	–	115.3	–	–	130.5
1969	109.9	–	–	114.7	–	–	126.1
1970	107.3	–	–	115.4	–	–	123.8
1971	104.8	–	–	111.0	–	–	116.3
1972	106.8	–	–	104.4	–	–	111.5
1973	106.2	–	–	100.6	–	–	106.8
1974	110.2	–	–	105.1	–	–	115.8
1975	97.0	–	–	107.6	–	–	104.4
1976	93.8	–	–	107.3	–	–	100.7
1977	100.0	–	–	100.0	–	–	100.0
1978	96.7	–	–	98.1	–	–	94.9
1979	98.3	–	–	103.0	–	–	101.3
1980	100.8	–	–	99.1	–	–	99.9
1981	90.9	–	–	101.2	–	–	92.0
1982[2]	92.7	–	–	100.2	–	–	92.9
Rates of change[3]							
1954-82	.1	–	–	-.4	–	–	-.3
1977-82	-1.5	–	–	.2	–	–	-1.3
	Intercity trucking [5] SIC 4213 part						
1954	56.8	–	–	48.4	–	–	27.5
1955	59.9	–	–	52.9	–	–	31.7
1960	66.5	–	–	62.6	–	–	41.6
1961	67.2	–	–	61.6	–	–	41.4
1962	69.3	–	–	64.6	–	–	44.8
1963	72.5	–	–	66.3	–	–	48.1
1964	74.5	–	–	68.7	–	–	51.2
1965	77.2	–	–	74.5	–	–	57.5
1966	81.3	–	–	78.5	–	–	63.8
1967	78.2	–	–	78.9	–	–	61.7
1968	83.3	–	–	81.8	–	–	68.1
1969	85.2	–	–	85.2	–	–	72.6
1970	83.5	–	–	83.6	–	–	69.8
1971	88.8	–	–	85.5	–	–	75.9
1972	94.6	–	–	90.5	–	–	85.6
1973	96.6	–	–	96.1	–	–	92.8
1974	93.3	–	–	96.6	–	–	90.1
1975	89.2	–	–	91.5	–	–	81.6
1976	100.3	–	–	92.8	–	–	93.1
1977	100.0	–	–	100.0	–	–	100.0
1978	99.8	–	–	107.2	–	–	107.0
1979	98.6	–	–	108.7	–	–	107.2
1980	94.3	–	–	102.7	–	–	96.8
1981[2]	98.7	–	–	93.3	–	–	92.1
Rates of change[3]							
1954-81	2.2	–	–	2.8	–	–	5.1
1977-81	-.8	–	–	-1.8	–	–	-2.6
	Intercity trucking-general freight[5] SIC 4213 part						
1954	58.3	–	–	59.9	–	–	34.9
1955	60.2	–	–	64.8	–	–	39.0
1960	65.0	–	–	74.6	–	–	48.5
1961	65.0	–	–	73.4	–	–	47.7
1962	66.9	–	–	76.7	–	–	51.3
1963	69.6	–	–	77.9	–	–	54.2
1964	72.7	–	–	80.5	–	–	58.5
1965	78.7	–	–	81.6	–	–	64.2
1966	77.4	–	–	91.6	–	–	70.9
1967	75.1	–	–	91.4	–	–	68.6
1968	79.3	–	–	94.8	–	–	75.2
1969	80.6	–	–	98.1	–	–	79.1
1970	76.8	–	–	94.9	–	–	72.9
1971	81.1	–	–	95.4	–	–	77.4
1972	86.1	–	–	99.0	–	–	85.2
1973	91.7	–	–	103.2	–	–	94.6
1974	93.4	–	–	99.5	–	–	92.9
1975	88.4	–	–	91.2	–	–	80.6
1976	96.1	–	–	95.5	–	–	91.8
1977	100.0	–	–	100.0	–	–	100.0
1978	98.6	–	–	107.7	–	–	106.2
1979	96.6	–	–	110.7	–	–	106.9
1980	87.9	–	–	103.6	–	–	91.1
1981[2]	92.5	–	–	93.7	–	–	86.7
Rates of change[3]							
1954-81	2.0	–	–	1.9	–	–	4.0
1977-81	-2.7	–	–	-1.7	–	–	-4.3
	Air transportation[5] SIC 4511,4521 part						
1947	12.0	–	–	30.0	–	–	3.6
1950	17.9	–	–	27.9	–	–	5.0
1955	28.7	–	–	39.7	–	–	11.4
1960	34.3	–	–	54.3	–	–	18.6
1961	36.2	–	–	54.4	–	–	19.7
1962	40.4	–	–	55.2	–	–	22.3
1963	44.4	–	–	56.7	–	–	25.2
1964	48.8	–	–	60.2	–	–	29.4
1965	54.4	–	–	65.3	–	–	35.5
1966	61.1	–	–	71.4	–	–	43.6
1967	65.1	–	–	84.8	–	–	55.2
1968	68.0	–	–	93.7	–	–	63.7
1969	69.9	–	–	100.0	–	–	69.9
1970	71.4	–	–	99.4	–	–	71.0
1971	76.0	–	–	95.6	–	–	72.7
1972	83.8	–	–	95.3	–	–	79.9
1973	85.5	–	–	99.1	–	–	84.7
1974	86.6	–	–	98.0	–	–	84.9
1975	87.6	–	–	96.4	–	–	84.4
1976	95.5	–	–	97.5	–	–	93.1
1977	100.0	–	–	100.0	–	–	100.0
1978	109.3	–	–	104.2	–	–	113.9
1979	113.1	–	–	110.9	–	–	125.4
1980	106.2	–	–	113.9	–	–	121.0
1981	104.9	–	–	112.2	–	–	117.7

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
Air transportation[5] SIC 4511,4521 part—Continued							
1982[2]	114.4	-	-	106.6	-	-	122.0
Rates of change[3]							
1947-82	6.5	-	-	4.5	-	-	11.4
1977-82	1.4	-	-	1.6	-	-	3.1
Petroleum pipelines[5a] SIC 4612,4613							
1947	10.7	-	-	154.3	-	-	16.5
1950	14.1	-	-	149.3	-	-	21.0
1955	22.5	-	-	142.3	-	-	32.0
1960	31.5	27.0	-	124.9	145.5	-	39.3
1961	33.5	29.2	-	120.0	137.5	-	40.2
1962	35.3	30.3	-	116.8	136.0	-	41.2
1963	39.0	33.3	-	111.9	130.8	-	43.6
1964	42.7	37.2	-	108.2	124.2	-	46.2
1965	50.8	44.7	-	105.5	119.8	-	53.6
1966	56.9	50.1	-	102.2	116.2	-	58.2
1967	64.6	56.9	-	101.1	114.7	-	65.3
1968	68.1	60.5	-	100.0	112.5	-	68.1
1969	73.2	66.6	-	96.8	106.5	-	70.9
1970	78.9	72.9	-	95.1	102.9	-	75.0
1971	81.7	77.0	-	93.5	99.2	-	76.4
1972	91.4	85.7	-	90.3	96.3	-	82.5
1973	96.8	91.3	-	90.8	96.3	-	87.9
1974	93.8	88.4	-	93.5	99.2	-	87.7
1975	93.2	90.2	-	94.6	97.8	-	88.2
1976	94.7	93.5	-	95.8	97.0	-	90.7
1977	100.0	100.0	-	100.0	100.0	-	100.0
1978	101.2	102.7	-	105.9	104.4	-	107.2
1979	102.5	105.9	-	108.6	105.1	-	111.3
1980	93.5	96.2	-	115.1	111.8	-	107.6
1981	87.9	92.0	-	117.8	112.5	-	103.5
1982[2]	87.5	93.6	-	119.5	111.8	-	104.6
Rates of change[3]							
1947-82	7.2	-	-	-1.5	-	-	5.6
1977-82	-3.3	-2.1	-	3.7	2.4	-	.2
Telephone communications SIC 4811							
1951	21.1	-	-	65.9	-	-	13.9
1955	25.0	-	-	73.3	-	-	18.3
1960	37.4	-	-	73.2	-	-	27.4
1961	40.7	-	-	71.5	-	-	29.1
1962	43.5	-	-	71.8	-	-	31.2
1963	46.7	-	-	71.8	-	-	33.5
1964	48.5	-	-	74.4	-	-	36.1
1965	50.6	-	-	77.8	-	-	39.4
1966	52.9	-	-	82.2	-	-	43.5
1967	56.9	-	-	83.0	-	-	47.2
1968	60.4	-	-	84.5	-	-	51.0
1969	61.7	-	-	91.8	-	-	56.6
1970	62.1	-	-	97.2	-	-	60.4
1971	66.8	-	-	94.9	-	-	63.4
Telephone communications SIC 4811—Continued							
1972	70.0	-	-	98.9	-	-	69.2
1973	74.6	-	-	102.2	-	-	76.2
1974	78.4	-	-	104.3	-	-	81.8
1975	85.9	-	-	98.7	-	-	84.8
1976	93.3	-	-	97.3	-	-	90.8
1977	100.0	-	-	100.0	-	-	100.0
1978	105.8	-	-	104.7	-	-	110.8
1979	110.8	-	-	110.3	-	-	122.2
1980	118.1	-	-	112.8	-	-	133.2
1981	124.4	-	-	113.1	-	-	140.7
1982[2]	130.1	-	-	111.3	-	-	144.8
Rates of change[3]							
1951-82	6.2	-	-	1.8	-	-	8.1
1977-82	5.5	-	-	2.3	-	-	7.9
Gas and electric utilities[6] SIC 491,492,493							
1947	18.9	16.4	-	69.7	80.6	-	13.2
1950	22.6	19.9	-	77.8	88.4	-	17.6
1955	34.0	30.8	-	82.6	91.1	-	28.1
1960	47.2	43.9	-	84.7	91.2	-	40.0
1961	50.0	46.6	-	84.0	90.1	-	42.0
1962	54.0	50.5	-	83.7	89.5	-	45.2
1963	57.4	54.1	-	83.8	88.9	-	48.1
1964	61.6	58.3	-	84.2	89.0	-	51.9
1965	64.3	60.8	-	85.6	90.5	-	55.0
1966	69.0	65.5	-	86.5	91.1	-	59.7
1967	72.0	68.7	-	88.0	92.3	-	63.4
1968	77.2	73.6	-	89.4	93.8	-	69.0
1969	82.0	78.6	-	91.6	95.5	-	75.1
1970	84.6	81.1	-	94.1	98.2	-	79.6
1971	89.2	85.9	-	94.1	97.7	-	83.9
1972	92.3	89.2	-	96.7	100.1	-	89.3
1973	93.6	91.0	-	99.6	102.4	-	93.2
1974	92.0	91.1	-	100.6	101.7	-	92.6
1975	95.7	94.3	-	97.9	99.4	-	93.7
1976	98.2	97.4	-	98.2	99.0	-	96.4
1977	100.0	100.0	-	100.0	100.0	-	100.0
1978	98.2	99.3	-	105.3	104.1	-	103.4
1979	97.6	98.7	-	109.0	107.8	-	106.4
1980	96.2	97.3	-	112.0	110.8	-	107.8
1981	94.4	95.5	-	114.6	113.3	-	108.2
1982[2]	90.0	91.9	-	117.4	115.0	-	105.7
Rates of change[3]							
1947-82	5.2	5.7	-	1.1	.7	-	6.4
1977-82	-1.9	-1.6	-	3.1	2.8	-	1.2
Electric utilities SIC 491,493 part							
1958	34.7	-	-	78.9	-	-	27.4
1960	41.3	-	-	78.5	-	-	32.4
1961	44.1	-	-	77.6	-	-	34.2
1962	47.6	-	-	77.3	-	-	36.8
1963	51.0	-	-	77.4	-	-	39.5

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Electric utilities SIC 491,493 part—Continued						
1964	54.9	–	–	77.9	–	–	42.8
1965	57.9	–	–	79.6	–	–	46.1
1966	62.5	–	–	80.7	–	–	50.4
1967	65.1	–	–	82.6	–	–	53.8
1968	70.1	–	–	84.5	–	–	59.2
1969	74.3	–	–	87.4	–	–	64.9
1970	77.1	–	–	90.4	–	–	69.7
1971	81.4	–	–	91.2	–	–	74.2
1972	85.6	–	–	94.0	–	–	80.5
1973	88.4	–	–	98.3	–	–	86.9
1974	87.1	–	–	99.7	–	–	86.8
1975	92.9	–	–	96.6	–	–	89.7
1976	95.6	–	–	97.8	–	–	93.5
1977	100.0	–	–	100.0	–	–	100.0
1978	96.8	–	–	107.0	–	–	103.6
1979	95.4	–	–	111.3	–	–	106.2
1980	94.0	–	–	115.3	–	–	108.4
1981	93.1	–	–	117.4	–	–	109.3
1982[2]	89.8	–	–	121.1	–	–	108.8
Rates of change[3]							
1958-82	4.3	–	–	1.9	–	–	6.4
1977-82	–1.9	–	–	3.7	–	–	1.7
	Gas utilities SIC 492,493 part						
1958	55.7	–	–	97.2	–	–	54.1
1960	62.3	–	–	99.8	–	–	62.2
1961	64.6	–	–	99.9	–	–	64.5
1962	69.6	–	–	99.2	–	–	69.0
1963	72.6	–	–	99.5	–	–	72.2
1964	77.7	–	–	99.5	–	–	77.3
1965	79.6	–	–	100.6	–	–	80.1
1966	84.5	–	–	100.8	–	–	85.2
1967	88.6	–	–	100.7	–	–	89.2
1968	94.1	–	–	100.9	–	–	94.9
1969	100.3	–	–	101.5	–	–	101.8
1970	102.1	–	–	102.8	–	–	105.0
1971	106.9	–	–	101.2	–	–	108.2
1972	107.6	–	–	103.3	–	–	111.1
1973	104.5	–	–	103.1	–	–	107.7
1974	102.0	–	–	103.2	–	–	105.3
1975	101.4	–	–	100.6	–	–	102.0
1976	103.5	–	–	98.9	–	–	102.4
1977	100.0	–	–	100.0	–	–	100.0
1978	101.4	–	–	101.5	–	–	102.9
1979	103.4	–	–	103.3	–	–	106.8
1980	102.1	–	–	104.0	–	–	106.2
1981	98.0	–	–	107.7	–	–	105.5
1982[2]	90.2	–	–	108.6	–	–	98.0
Rates of change[3]							
1958-82	2.4	–	–	.3	–	–	2.6
1977-82	–1.8	–	–	1.7	–	–	–.1

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Retail food stores[7] SIC 54						
1958	73.8	–	–	92.8	–	–	68.5
1960	79.3	–	–	92.7	–	–	73.5
1961	82.4	–	–	91.4	–	–	75.3
1962	83.5	–	–	92.1	–	–	76.9
1963	87.6	–	–	88.5	–	–	77.5
1964	89.5	–	–	90.8	–	–	81.3
1965	91.9	–	–	91.7	–	–	84.3
1966	94.4	–	–	90.8	–	–	85.7
1967	98.0	–	–	89.2	–	–	87.4
1968	103.0	–	–	88.8	–	–	91.5
1969	103.9	–	–	89.9	–	–	93.4
1970	109.8	–	–	90.2	–	–	99.0
1971	110.4	–	–	91.0	–	–	100.5
1972	110.3	–	–	92.5	–	–	102.0
1973	105.5	–	–	93.9	–	–	99.1
1974	101.1	–	–	96.1	–	–	97.2
1975	100.7	–	–	96.3	–	–	97.0
1976	102.0	–	–	98.8	–	–	100.8
1977	100.0	–	–	100.0	–	–	100.0
1978	96.0	–	–	104.9	–	–	100.7
1979	98.3	–	–	105.6	–	–	103.8
1980	101.3	–	–	105.9	–	–	107.3
1981	100.7	–	–	107.0	–	–	107.8
1982[2]	101.6	–	–	107.0	–	–	108.7
Rates of change[3]							
1958-82	1.1	–	–	.7	–	–	1.8
1977-82	.7	–	–	1.2	–	–	1.9
	Franchised new car dealers SIC 5511						
1958	62.3	–	–	84.1	–	–	52.4
1960	71.5	–	–	88.0	–	–	62.9
1961	68.1	–	–	82.4	–	–	56.1
1962	73.0	–	–	83.8	–	–	61.2
1963	74.4	–	–	87.6	–	–	65.2
1964	73.8	–	–	91.3	–	–	67.4
1965	79.2	–	–	95.0	–	–	75.2
1966	79.9	–	–	95.2	–	–	76.1
1967	81.0	–	–	92.6	–	–	75.0
1968	85.5	–	–	94.5	–	–	80.8
1969	85.8	–	–	96.9	–	–	83.1
1970	86.1	–	–	94.4	–	–	81.3
1971	91.7	–	–	95.2	–	–	87.3
1972	94.9	–	–	99.9	–	–	94.8
1973	96.3	–	–	102.7	–	–	98.9
1974	93.2	–	–	95.6	–	–	89.1
1975	95.0	–	–	92.5	–	–	87.9
1976	98.6	–	–	97.2	–	–	95.8
1977	100.0	–	–	100.0	–	–	100.0
1978	98.6	–	–	103.4	–	–	102.0
1979	94.6	–	–	103.1	–	–	97.5
1980	99.5	–	–	91.0	–	–	90.5
1981	96.6	–	–	86.4	–	–	83.5
1982[2]	97.0	–	–	84.0	–	–	81.5

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Franchised new car dealers SIC 5511—Continued						
Rates of change[3]							
1958-82	1.8	-	-	0.4	-	-	2.3
1977-82	-.5	-	-	-4.3	-	-	-4.7
	Gasoline service stations [7] SIC 5541						
1958	48.9	-	-	109.8	-	-	53.7
1960	51.9	-	-	111.7	-	-	58.0
1961	53.5	-	-	113.1	-	-	60.5
1962	53.7	-	-	112.2	-	-	60.2
1963	56.3	-	-	114.3	-	-	64.4
1964	57.2	-	-	116.8	-	-	66.8
1965	59.2	-	-	119.0	-	-	70.4
1966	62.0	-	-	119.7	-	-	74.2
1967	63.2	-	-	119.3	-	-	75.4
1968	67.5	-	-	120.8	-	-	81.6
1969	68.2	-	-	122.8	-	-	83.7
1970	75.3	-	-	119.8	-	-	90.2
1971	77.7	-	-	120.9	-	-	93.9
1972	80.9	-	-	123.3	-	-	99.7
1973	86.6	-	-	117.2	-	-	101.5
1974	87.3	-	-	103.8	-	-	90.6
1975	85.6	-	-	108.9	-	-	93.2
1976	94.3	-	-	103.3	-	-	97.4
1977	100.0	-	-	100.0	-	-	100.0
1978	104.5	-	-	98.3	-	-	102.7
1979	109.8	-	-	88.4	-	-	97.1
1980	108.3	-	-	85.6	-	-	92.7
1981	111.7	-	-	83.1	-	-	92.8
1982[2]	119.7	-	-	78.2	-	-	93.6
Rates of change[3]							
1958-82	3.9	-	-	-1.2	-	-	2.7
1977-82	3.1	-	-	-4.9	-	-	-1.9
	Apparel and accessory stores[7] SIC 56						
1967	82.1	-	-	85.5	-	-	70.2
1968	84.2	-	-	86.7	-	-	73.0
1969	83.4	-	-	89.1	-	-	74.3
1970	82.2	-	-	90.0	-	-	74.0
1971	84.6	-	-	92.6	-	-	78.3
1972	91.5	-	-	90.9	-	-	83.2
1973	100.2	-	-	92.4	-	-	92.6
1974	99.5	-	-	91.4	-	-	90.9
1975	105.3	-	-	90.2	-	-	95.0
1976	103.3	-	-	96.1	-	-	99.3
1977	100.0	-	-	100.0	-	-	100.0
1978	110.0	-	-	103.1	-	-	113.4
1979	112.0	-	-	105.9	-	-	118.6
1980	116.4	-	-	105.1	-	-	122.3
1981	123.6	-	-	105.0	-	-	129.8
1982[2]	129.4	-	-	102.7	-	-	132.9
	Apparel and accessory stores[7] SIC 56—Continued						
Rates of change[3]							
1967-82	3.1	-	-	1.5	-	-	4.6
1977-82	4.9	-	-	.5	-	-	5.5
	Men's and boys' clothing stores[7] SIC 5611						
1967	84.5	-	-	89.8	-	-	75.9
1968	85.4	-	-	93.4	-	-	79.8
1969	86.8	-	-	96.8	-	-	84.0
1970	83.8	-	-	99.7	-	-	83.5
1971	87.2	-	-	100.2	-	-	87.4
1972	97.8	-	-	101.9	-	-	99.7
1973	104.2	-	-	100.1	-	-	104.3
1974	98.2	-	-	98.5	-	-	96.7
1975	102.7	-	-	96.6	-	-	99.2
1976	97.6	-	-	100.9	-	-	98.5
1977	100.0	-	-	100.0	-	-	100.0
1978	105.4	-	-	100.0	-	-	105.4
1979	110.5	-	-	99.2	-	-	109.6
1980	110.0	-	-	95.9	-	-	105.5
1981	117.5	-	-	89.6	-	-	105.3
1982[2]	118.6	-	-	85.7	-	-	101.6
Rates of change[3]							
1967-82	2.3	-	-	-.2	-	-	2.1
1977-82	3.4	-	-	-3.2	-	-	.1
	Women's ready-to-wear stores[7] SIC 5621						
1967	72.2	-	-	86.1	-	-	62.2
1968	74.4	-	-	86.0	-	-	64.0
1969	74.6	-	-	88.7	-	-	66.2
1970	77.5	-	-	88.4	-	-	68.5
1971	83.8	-	-	91.1	-	-	76.3
1972	87.2	-	-	91.1	-	-	79.4
1973	94.9	-	-	92.5	-	-	87.8
1974	96.9	-	-	90.8	-	-	88.0
1975	107.0	-	-	90.4	-	-	96.7
1976	104.9	-	-	97.5	-	-	102.3
1977	100.0	-	-	100.0	-	-	100.0
1978	111.3	-	-	102.4	-	-	114.0
1979	115.0	-	-	103.5	-	-	119.0
1980	116.2	-	-	102.4	-	-	119.0
1981	124.3	-	-	102.2	-	-	127.0
1982[2]	130.1	-	-	98.8	-	-	128.5
Rates of change[3]							
1967-82	4.1	-	-	1.3	-	-	5.4
1977-82	4.8	-	-	-.2	-	-	4.6

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour: All employees	Output per employee hour: Production workers	Output per employee hour: Nonproduction workers[1]	Employee hours: All employees	Employee hours: Production workers	Employee hours: Nonproduction workers[1]	Output
	Family clothing stores [7] SIC 5651						
1967	75.7	–	–	77.4	–	–	58.6
1968	78.7	–	–	77.0	–	–	60.6
1969	75.9	–	–	81.3	–	–	61.7
1970	76.0	–	–	81.1	–	–	61.6
1971	85.8	–	–	80.4	–	–	69.0
1972	95.1	–	–	77.8	–	–	74.0
1973	109.6	–	–	78.0	–	–	85.5
1974	107.7	–	–	80.0	–	–	86.2
1975	109.7	–	–	81.2	–	–	89.1
1976	107.4	–	–	87.0	–	–	93.4
1977	100.0	–	–	100.0	–	–	100.0
1978	96.4	–	–	104.6	–	–	100.8
1979	99.6	–	–	104.2	–	–	103.8
1980	109.6	–	–	101.2	–	–	110.9
1981	116.3	–	–	100.3	–	–	116.6
1982[2]	114.9	–	–	100.1	–	–	115.0
Rates of change[3]							
1967-82	2.8	–	–	2.3	–	–	5.2
1977-82	3.9	–	–	-.4	–	–	3.5
	Intercity trucking [5] SIC 4213 part						
1967	96.4	–	–	84.1	–	–	81.1
1968	99.1	–	–	87.5	–	–	86.7
1969	105.7	–	–	87.1	–	–	92.1
1970	96.5	–	–	88.4	–	–	85.3
1971	87.7	–	–	95.7	–	–	83.9
1972	95.6	–	–	92.2	–	–	88.1
1973	101.4	–	–	94.8	–	–	96.1
1974	88.8	–	–	98.4	–	–	87.4
1975	95.5	–	–	93.2	–	–	89.0
1976	97.6	–	–	95.5	–	–	93.2
1977	100.0	–	–	100.0	–	–	100.0
1978	108.7	–	–	103.3	–	–	112.3
1979	111.2	–	–	109.3	–	–	121.5
1980	107.7	–	–	113.9	–	–	122.7
1981	109.3	–	–	119.3	–	–	130.4
1982[2]	115.2	–	–	116.8	–	–	134.5
Rates of change[3]							
1967-82	1.1	–	–	2.2	–	–	3.3
1977-82	2.0	–	–	3.6	–	–	5.7
	Shoe stores [7] SIC 5661						
1958	89.5	–	–	62.9	–	–	56.3
1960	88.1	–	–	66.2	–	–	58.3
1961	88.7	–	–	65.6	–	–	58.2
1962	89.3	–	–	67.2	–	–	60.0
1963	91.8	–	–	67.0	–	–	61.5
1964	90.9	–	–	70.6	–	–	64.2
1965	93.7	–	–	72.6	–	–	68.0
1966	94.6	–	–	74.2	–	–	70.2
1967	97.5	–	–	73.2	–	–	71.4
	Shoe stores [7] SIC 5661—Continued						
1968	99.7	–	–	75.7	–	–	75.5
1969	97.8	–	–	77.9	–	–	76.2
1970	101.0	–	–	78.5	–	–	79.3
1971	98.3	–	–	81.3	–	–	79.9
1972	102.3	–	–	82.7	–	–	84.6
1973	103.6	–	–	86.0	–	–	89.1
1974	99.1	–	–	88.8	–	–	88.0
1975	101.0	–	–	91.1	–	–	92.0
1976	101.4	–	–	95.8	–	–	97.1
1977	100.0	–	–	100.0	–	–	100.0
1978	99.3	–	–	105.1	–	–	104.4
1979	99.4	–	–	108.5	–	–	107.8
1980	99.5	–	–	108.4	–	–	107.9
1981	97.2	–	–	111.2	–	–	108.1
1982[2]	98.9	–	–	113.0	–	–	111.8
Rates of change[3]							
1958-82	.6	–	–	2.6	–	–	3.2
1977-82	-.3	–	–	2.3	–	–	1.9
	Eating and drinking places[7] SIC 58						
1958	45.6	–	–	96.9	–	–	44.2
1960	49.1	–	–	101.5	–	–	49.8
1961	50.8	–	–	101.0	–	–	51.3
1962	51.8	–	–	104.6	–	–	54.2
1963	54.3	–	–	103.0	–	–	55.9
1964	56.4	–	–	103.1	–	–	58.1
1965	59.9	–	–	103.5	–	–	62.0
1966	62.3	–	–	105.7	–	–	65.9
1967	67.0	–	–	104.4	–	–	70.0
1968	73.0	–	–	103.3	–	–	75.4
1969	76.6	–	–	102.3	–	–	78.4
1970	83.4	–	–	100.9	–	–	84.2
1971	85.0	–	–	100.2	–	–	85.2
1972	88.3	–	–	101.1	–	–	89.3
1973	97.1	–	–	99.6	–	–	96.7
1974	98.2	–	–	100.5	–	–	98.7
1975	94.2	–	–	103.7	–	–	97.7
1976	97.1	–	–	102.4	–	–	99.4
1977	100.0	–	–	100.0	–	–	100.0
1978	102.3	–	–	99.8	–	–	102.1
1979	102.9	–	–	102.0	–	–	105.0
1980	105.6	–	–	98.9	–	–	104.4
1981	104.7	–	–	99.3	–	–	104.0
1982[2]	103.3	–	–	98.2	–	–	101.4
Rates of change[3]							
1958-82	4.0	–	–	-.1	–	–	3.9
1977-82	.7	–	–	-.4	–	–	.3

See footnotes at end of table.

Table 94. Indexes of output per employee hour, employee hours, and output for selected industries, selected years, 1947-82—Continued

[1977=100]

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Drug and proprietary stores [7] SIC 5912						
1967	83.8	–	–	62.3	–	–	52.2
1968	85.3	–	–	66.0	–	–	56.3
1969	84.0	–	–	71.4	–	–	60.0
1970	85.5	–	–	75.4	–	–	64.5
1971	88.6	–	–	78.0	–	–	69.1
1972	90.3	–	–	82.3	–	–	74.3
1973	95.9	–	–	86.8	–	–	83.2
1974	89.8	–	–	92.3	–	–	82.9
1975	90.0	–	–	94.0	–	–	84.6
1976	95.0	–	–	96.6	–	–	91.8
1977	100.0	–	–	100.0	–	–	100.0
1978	101.2	–	–	104.7	–	–	106.0
1979	99.3	–	–	109.7	–	–	108.9
1980	92.7	–	–	114.5	–	–	106.1
1981[2]	90.6	–	–	119.4	–	–	108.2
Rates of change[3]							
1967-81	1.1	–	–	4.6	–	–	5.7
1977-81	-2.8	–	–	4.5	–	–	1.6
	Commercial banking SIC 602						
1958	63.7	–	–	75.0	–	–	47.8
1960	66.0	–	–	78.3	–	–	51.7
1961	63.9	–	–	78.2	–	–	50.0
1962	68.3	–	–	78.5	–	–	53.6
1963	71.5	–	–	78.6	–	–	56.2
1964	71.7	–	–	80.7	–	–	57.9
1965	77.1	–	–	82.2	–	–	63.4
1966	77.3	–	–	83.6	–	–	64.6
1967	82.9	–	–	83.8	–	–	69.5
1968	80.3	–	–	85.6	–	–	68.7
1969	81.1	–	–	87.1	–	–	70.6
1970	85.1	–	–	86.5	–	–	73.6
1971	76.2	–	–	87.1	–	–	66.4
1972	90.2	–	–	90.0	–	–	81.2
1973	92.1	–	–	94.4	–	–	86.9
1974	89.2	–	–	96.3	–	–	85.9
1975	89.7	–	–	96.1	–	–	86.2
1976	95.7	–	–	98.9	–	–	94.6
1977	100.0	–	–	100.0	–	–	100.0

Year	Output per employee hour			Employee hours			Output
	All employees	Production workers	Nonproduction workers[1]	All employees	Production workers	Nonproduction workers[1]	
	Commercial banking SIC 602—Continued						
1978	103.1	–	–	103.4	–	–	106.6
1979	102.4	–	–	111.7	–	–	114.4
1980	96.6	–	–	112.6	–	–	111.0
1981	96.7	–	–	116.8	–	–	113.0
1982[2]	90.1	–	–	118.6	–	–	106.8
Rates of change[3]							
1958-82	2.0	–	–	1.9	–	–	3.9
1977-82	-2.1	–	–	3.6	–	–	1.4
	Hotels, motels, and tourist courts[8] SIC 7011						
1958	80.5	–	–	173.6	–	–	139.8
1960	79.3	–	–	174.1	–	–	138.1
1961	83.4	–	–	172.4	–	–	143.8
1962	83.4	–	–	173.1	–	–	144.3
1963	83.1	–	–	180.5	–	–	150.0
1964	89.0	–	–	177.0	–	–	157.5
1965	83.7	–	–	181.4	–	–	151.9
1966	89.0	–	–	179.9	–	–	160.1
1967	95.9	–	–	169.2	–	–	162.3
1968	98.[illegible]	–	–	161.4	–	–	159.4
1969	97.1	–	–	157.7	–	–	153.2
1970	95.5	–	–	148.9	–	–	142.2
1971	97.5	–	–	133.8	–	–	130.4
1972	99.8	–	–	129.6	–	–	129.4
1973	99.1	–	–	123.2	–	–	122.1
1974	98.3	–	–	112.9	–	–	111.0
1975	96.9	–	–	107.4	–	–	104.1
1976	97.4	–	–	102.4	–	–	99.7
1977	100.0	–	–	100.0	–	–	100.0
1978	100.6	–	–	99.7	–	–	100.3
1979	94.0	–	–	102.1	–	–	96.0
1980	87.7	–	–	104.5	–	–	91.6
1981	85.0	–	–	100.0	–	–	85.0
1982[2]	87.1	–	–	93.6	–	–	81.5
Rates of change[3]							
1958-82	.6	–	–	-3.1	–	–	-2.5
1977-82	-3.6	–	–	-.8	–	–	-4.4

– Data not available.

[1] Indexes and rates of change for nonproduction workers are subject to a wider margin of error than are the other rates shown.

[2] Preliminary.

[3] Average annual percent change is based on the linear-least-squares trends of the logarithms of the index numbers.

[4] Less than 0.05 percent.

[5] Employee hour data not available. Output per employee hour represents output per employee; employee hours represent number of employees.

[6] Production workers represent nonsupervisory workers.

[7] Employees include the self-employed and unpaid family workers.

[8] Employees include the self-employed.

NOTE: Historical data extending back to 1954 are available in BLS Bulletin 2189, *Productivity Measures for Selected Industries, 1954-1982.* This bulletin includes notes which describe the sources from which the data were compiled. Complete historical data (beginning with 1939 for some industries), along with more detailed descriptions of methods and procedures used in calculating the output per hour series, are available upon request from the Bureau of Labor Statistics, Office of Productivity and Technology, Division of Industry Productivity and Technology Studies.

Table 95. Functional and summary indexes of output per employee year for the measured portion of the Federal civilian government, fiscal years, 1972-82

[1977 = 100]

Functional grouping	Fiscal years											Average annual rates for fiscal years 1967-1982 [1]
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
Total	92.0	94.6	94.1	95.5	97.1	100.0	101.7	102.3	104.5	107.0	108.4	1.5
Audit of operations	83.3	89.2	94.7	99.2	97.1	100.0	102.6	100.8	97.6	97.0	93.3	1.4
Buildings and grounds maintenance	79.0	77.0	80.9	91.7	94.1	100.0	102.6	109.0	109.7	122.1	127.0	3.5
Communications [2]	-	70.0	74.6	82.5	88.1	100.0	111.1	112.8	145.0	178.4	183.2	11.8
Education and training [3]	86.9	84.9	83.5	81.0	88.5	100.0	98.7	104.8	105.4	115.8	111.8	2.0
Electric power production and distribution	114.1	112.6	110.3	108.2	104.1	100.0	102.2	90.7	92.2	85.6	62.8	-1.5
Equipment maintenance [3]	103.9	98.4	100.7	101.1	101.6	100.0	104.1	105.1	106.3	110.3	110.5	.8
Finance and accounting	83.5	82.5	85.3	92.6	98.7	100.0	103.1	107.6	121.3	127.9	150.8	3.8
General support services	94.4	98.6	101.3	91.2	94.2	100.0	103.6	110.0	114.3	129.3	162.0	4.6
Information services	102.6	95.5	98.3	103.4	100.9	100.0	101.4	103.6	103.6	105.8	108.3	.5
Legal and judicial activities	117.1	114.0	105.2	106.4	104.3	100.0	97.8	102.1	101.5	104.4	107.1	-.2
Library services	65.9	69.4	74.4	83.5	92.7	100.0	96.4	100.4	106.4	111.5	107.2	5.0
Loans and grants	84.9	86.0	87.5	91.1	95.8	100.0	99.0	107.6	105.1	110.3	104.7	3.5
Medical services	93.9	96.9	96.7	98.5	100.1	100.0	98.2	98.4	100.5	100.8	101.9	.1
Military base services	94.7	89.5	90.6	95.7	99.9	100.0	100.4	101.5	102.2	104.9	109.3	.3
Natural resources and environmental management	99.4	101.2	99.9	98.5	99.9	100.0	105.1	102.2	102.0	102.7	114.9	1.2
Personnel investigations	77.4	80.3	82.8	87.6	83.4	100.0	103.3	108.6	107.7	109.7	104.5	3.6
Personnel management	94.9	93.4	99.9	95.2	93.1	100.0	96.6	108.8	99.9	97.3	106.7	1.6
Postal service	92.8	88.2	95.6	95.5	95.9	100.0	103.2	101.9	105.1	106.4	107.7	1.3
Printing and duplication	100.8	103.1	99.5	98.4	100.4	100.0	97.6	103.7	108.3	102.6	105.7	-.7
Procurement	84.9	87.7	93.3	95.9	99.4	100.0	108.7	115.4	121.0	127.7	125.3	3.1
Records management	83.2	82.2	80.2	86.9	94.0	100.0	103.7	110.0	111.6	113.8	120.0	3.6
Regulation--compliance and enforcement	92.6	95.0	95.9	95.1	98.0	100.0	101.2	104.4	107.5	112.4	117.0	2.2
Regulation--rulemaking and licensing	92.6	95.6	93.6	93.5	94.4	100.0	93.1	95.5	109.5	121.7	131.4	2.7
Social services and benefits	87.5	91.3	89.7	92.2	96.1	100.0	99.4	102.5	101.0	102.1	102.3	2.3
Specialized manufacturing	96.6	94.8	94.3	93.5	97.8	100.0	106.0	119.2	119.6	141.8	133.4	3.1
Supply and inventory control	86.2	86.8	86.8	94.2	96.1	100.0	96.8	95.2	97.8	98.8	106.1	1.7
Traffic management [4]	97.2	96.8	89.8	96.3	93.8	100.0	106.2	115.3	115.0	124.8	117.0	2.9
Transportation	85.9	90.1	91.3	92.9	94.6	100.0	105.3	107.1	107.6	112.0	114.3	2.8

[1] Average annual percent change based on linear-least-squares trend of the logarithms of the index numbers.

[2] Fiscal years 1973-82.

[3] Fiscal years 1968-82

[4] Fiscal years 1972-82

- Data not available.

Technical Notes

Compensation Studies

Occupational Pay Levels and Trends

(Covers tables 96-101)

Area wage surveys are conducted in 70 metropolitan areas, with data on occupational earnings produced annually and related benefits information produced every third year. In addition to area reports, earnings data are also weighted to produce national and regional estimates of occupational earnings and wage trends. Average straight-time earnings information for selected plant and office occupations in all metroplitan areas combined is presented in tables 96 and 97. Information on percent increases in average hourly earnings of selected occupational groups in individual metropolitan areas is presented in table 98. Interarea pay comparisons for occupational groups in individual areas are presented in table 99.

National survey of professional, administrative, technical, and clerical pay (PATC) provides salary levels and distributions annually for two dozen white-collar occupations spanning about 100 work levels. The fields studied include accounting, legal services, personnel management, engineering and chemistry, computer processing, purchasing, drafting, photography, and clerical. The survey scope covers the private sector in all major industry divisions, except agriculture, and includes estalishments with, at a minimum, 50, 100, or 250 employees, depending on the industry. By design, the survey definitions provide information in a form suitable for use in comparing the pay of salaried employees in the Federal civil service with pay in private industry.

Average straight-time salaries for selected professional, administrative, and technical occupations included in the PATC survey are presented in table 100 for the years 1961 to 1983.

Industry wage surveys cover about 40 studies—25 in manufacturing and 15 in nonmanufacturing industries—conducted on a recurring 3-, 4-, or 5-year cycle. The studies provide information on straight-time earnings for selected occupations chosen to represent the skills, production processes, and wage structure of the industry and on such establishment practices and related pay provisions as weekly work schedules; shift operations and differentials; the prevalence of paid holidays and vacations; health, insurance, and pension benefits; and other provisions important in the industry. Data for most nonmanufacturing surveys are limited to areas of industry concentration, while manufacturing surveys generally include nationwide and regional data. This program is represented by table 101, which provides a trend index of occupational earnings in the nonelectrical machinery industries.

Definitions

Straight-time earnings (area wage surveys, white-collar salary survey, and industry wage surveys) relate to the regular day-shift wages or salaries paid per hour worked or standard workweek, exclusive of premium pay for overtime and for work on weekends, holidays, and late shifts. Incentive pay, production bonuses, and cost-of-living payments are included in earnings, but nonproduction bonuses (e.g., Christmas bonuses) are not. Straight-time earnings thus are reflected in the index measures and interarea pay comparisons.

Regions (area wage surveys and industry wage surveys), unless otherwise indicated, are defined as follows: *Northeast*–Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; *South*–Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; *North Central*–Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; *West*–Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Negotiated Wage and Compensation Changes

(Covers tables 102-104)

Statistics on negotiated wage changes in major collective bargaining units (those covering 1,000 workers or more) date back to 1954. The series is confined to production and related workers in manufacturing and to nonsupervisory employees in nonmanufacturing. Government employees and farm workers are excluded. These data measure wage decisions specified in the bargaining settlements reached during a particular time period (e.g., quarter or year), and include increases, decreases, and settlements providing no wage change. The data exclude wage changes that may occur under cost-of-living adjustment (COLA) clauses which link the size of future wage adjustments to changes in the Consumer Price Index. Both the changes scheduled during the first 12 months of the contract (first-year changes) and the total of wage changes scheduled over the life of the contract, expressed as an annual rate, are presented. Data also are included for all wage changes effective in the period stemming from current settlements and also from deferred wage changes specified in earlier settlements and from COLA adjustments. Contracts providing no wage adjustments during the period also are taken into account.

Estimates of compensation adjustments (wages and benefits combined) negotiated in major collective bargaining settlements cover bargaining units of 5,000 workers or more. These measures were first made in 1965 for units of 10,000 workers or more; the smaller units were introduced the following year.

Employment Cost Index

(Covers table 105)

The Employment Cost Index (ECI) measures the quarterly change in the price of labor, free from the influence of employment shifts among occupations and industries. Employer costs for employee benefits, as well as wages and salaries, are covered by the ECI. The wage and salary data are limited to changes in those rates, defined as straight-time average hourly earnings. Straight-time earnings are total earnings before payroll deductions, excluding premium pay for overtime, work on weekends and holidays, and shift differentials. Production bonuses, incentive earnings, commission payments, and cost-of-living adjustments are included in straight-time earnings.

Employee benefits covered by the ECI include: *Paid leave*—paid vacations, holidays, sick leave, and other paid leave; *supplemental pay*—premium pay for overtime and work on weekends and holidays, shift differentials, and nonproduction bonuses; *insurance benefits*—life, health, and sickness and accident insurance; *retirement and savings benefits*—pension and other retirement plans and saving and thrift plans; *legally required benefits*—social security, railroad retirement and supplemental retirement, railroad unemeployment insurance, Federal and State unemployment insurance, workers' compensation, and other legally required benefits such as State temporary disability insurance; *and other benefits*—severance pay, supplemental unemployment plans, and merchandise discounts in department stores.

Excluded from both straight-time earnings and employee benefits are such items as payments-in-kind, free room and board, and tips.

Data are collected from a sample of establishments and occupations in the public and private sectors, weighted to represent the universe of occupations in those sectors. Farms and households are excluded from the data for the total private economy. The public sector covers State and local governments, but excludes the Federal Government. Quarterly reports are issued in the months of March, June, September, and December. For a detailed description of the ECI, see chapter 2, "Employment Cost Index," of the *BLS Handbook of Methods*, Bulletin 2134-1 (1982).

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–83

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Mainten-ance trades helpers	Electri-cians	Mechan-ics (motor vehicles)
ALL INDUSTRIES											
All metropolitan areas											
1967	$2.03	$2.34	$1.79	$2.04	$2.10	$2.46	$2.55	$3.05	$2.76	$3.61	$3.36
1968	2.13	2.46	1.91	2.18	2.19	2.60	2.68	3.23	2.86	3.80	3.54
1969	2.27	2.60	2.03	2.32	2.34	2.73	2.83	3.41	3.03	4.05	3.76
1970	2.38	2.78	2.13	2.48	2.46	2.90	3.01	3.62	3.21	4.30	4.01
1971	2.52	2.98	2.23	2.60	2.61	3.13	3.27	4.01	3.43	4.60	4.38
1972	2.69	3.19	2.42	2.75	2.79	3.37	3.53	4.46	3.76	4.96	4.83
1973	2.83	3.35	2.55	2.92	2.94	3.56	3.77	4.82	4.00	5.24	5.21
1974	3.01	3.57	2.71	3.11	3.13	3.81	4.05	5.17	4.36	5.64	5.65
1975	3.38	3.98	3.07	3.44	3.52	4.29	4.53	5.68	4.98	6.44	6.32
1976	3.70	4.30	3.39	3.73	3.84	4.63	4.94	6.16	5.40	7.01	6.83
1977	3.90	4.66	3.50	4.07	4.06	4.96	5.44	6.67	5.88	7.68	7.44
1978	4.16	5.04	3.75	4.42	4.33	5.37	5.88	7.25	6.36	8.31	8.02
1979	4.49	5.45	4.06	4.76	4.67	5.81	6.50	7.88	7.02	9.18	8.82
1980	4.87	5.86	4.41	5.04	5.07	6.37	7.10	8.71	7.73	10.14	9.71
1981	5.23	6.44	4.70	5.53	5.45	6.98	7.72	9.40	8.41	11.18	10.58
1982	5.49	6.92	4.91	6.15	5.71	7.42	8.19	9.79	8.79	11.87	11.13
1983	5.66	7.08	5.09	6.24	5.85	7.69	8.44	10.13	8.76	12.33	11.54
Northeast											
1967	2.07	2.26	1.88	1.91	2.13	2.36	2.59	3.22	2.74	3.46	3.33
1968	2.16	2.37	1.97	2.06	2.23	2.46	2.70	3.37	2.81	3.61	3.50
1969	2.31	2.49	2.13	2.16	2.38	2.60	2.87	3.56	3.01	3.82	3.72
1970	2.47	2.66	2.25	2.32	2.55	2.76	3.04	3.78	3.16	4.04	4.01
1971	2.63	2.83	2.39	2.44	2.72	2.96	3.32	4.18	3.35	4.33	4.34
1972	2.90	2.98	2.74	2.52	2.97	3.15	3.60	4.73	3.72	4.65	4.81
1973	3.10	3.18	2.98	2.77	3.15	3.36	3.82	5.12	4.02	4.96	5.22
1974	3.30	3.37	3.20	2.91	3.35	3.60	4.06	5.46	4.40	5.29	5.62
1975	3.75	3.68	3.63	3.14	3.80	3.99	4.48	5.85	4.91	6.01	6.23
1976	4.12	3.90	4.10	3.25	4.13	4.29	4.90	6.38	5.32	6.56	6.81
1977	4.34	4.30	4.27	3.60	4.34	4.65	5.29	6.82	5.56	7.13	7.34
1978	4.57	4.60	4.49	4.15	4.56	4.79	5.72	7.44	6.04	7.77	7.86
1979	4.89	5.01	4.79	4.52	4.94	5.22	6.40	7.96	6.66	8.47	8.51
1980	5.26	5.48	5.06	4.75	5.35	5.77	6.95	8.78	7.39	9.30	9.27
1981	5.52	5.95	5.28	4.96	5.64	6.43	7.51	9.48	8.36	10.23	10.15
1982	5.95	6.35	5.75	5.75	6.04	6.69	8.03	9.88	8.61	10.93	10.83
1983	6.25	6.51	6.11	5.69	6.34	7.20	8.35	10.39	8.60	11.51	11.24
South											
1967	1.61	1.94	1.44	1.79	1.65	2.03	2.01	2.49	2.61	3.47	3.04
1968	1.74	2.05	1.60	1.86	1.77	2.16	2.15	2.65	2.74	3.61	3.20
1969	1.86	2.20	1.71	1.98	1.90	2.30	2.25	2.82	2.79	3.83	3.40
1970	1.93	2.35	1.74	2.10	1.98	2.46	2.38	3.00	3.00	4.05	3.61
1971	1.99	2.56	1.79	2.31	2.06	2.67	2.54	3.31	3.25	4.31	3.95
1972	2.10	2.70	1.88	2.45	2.18	2.83	2.72	3.61	3.52	4.61	4.29
1973	2.18	2.78	1.92	2.49	2.28	2.96	2.91	3.87	3.70	4.89	4.61
1974	2.30	2.98	2.03	2.67	2.42	3.19	3.15	4.17	3.99	5.23	5.05
1975	2.63	3.46	2.37	3.12	2.75	3.73	3.70	4.69	4.59	5.98	5.76
1976	2.87	3.76	2.58	3.44	3.00	4.03	3.99	5.06	4.95	6.50	6.18
1977	2.97	3.99	2.67	3.65	3.14	4.22	4.34	5.46	5.62	7.13	6.70
1978	3.25	4.33	2.94	3.84	3.43	4.61	4.73	5.94	5.97	7.68	7.29
1979	3.49	4.54	3.18	3.81	3.67	5.01	5.11	6.46	6.36	8.32	7.98
1980	3.81	5.08	3.47	4.28	4.02	5.58	5.59	7.22	7.13	9.43	8.83
1981	4.13	5.31	3.77	4.73	4.35	5.65	6.19	7.94	-	10.51	9.69
1982	4.22	5.43	3.83	4.97	4.46	5.77	6.65	8.24	7.98	11.27	10.07
1983	4.26	5.72	3.88	5.25	4.52	6.17	6.69	8.43	-	11.67	10.56

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
ALL INDUSTRIES —Continued											
North Central											
1967	$2.20	$2.51	$1.86	$2.18	$2.30	$2.67	$2.73	$3.21	$2.85	$3.73	$3.46
1968	2.30	2.66	1.96	2.33	2.40	2.84	2.89	3.43	2.97	3.97	3.67
1969	2.44	2.83	2.07	2.52	2.55	2.98	3.08	3.63	3.16	4.24	3.89
1970	2.59	3.02	2.22	2.68	2.70	3.18	3.27	3.87	3.36	4.50	4.15
1971	2.76	3.27	2.35	2.83	2.90	3.46	3.60	4.34	3.60	4.84	4.61
1972	2.95	3.52	2.49	3.02	3.10	3.72	3.92	4.83	3.98	5.24	5.08
1973	3.08	3.70	2.60	3.21	3.25	3.92	4.18	5.27	4.20	5.52	5.50
1974	3.33	3.98	2.86	3.52	3.49	4.19	4.48	5.66	4.59	5.96	5.92
1975	3.72	4.45	3.21	3.86	3.90	4.77	5.00	6.14	5.30	6.80	6.59
1976	4.02	4.89	3.47	4.30	4.29	5.19	5.50	6.67	5.77	7.41	7.12
1977	4.30	5.24	-	4.59	4.62	5.59	6.14	7.27	6.25	8.12	7.81
1978	4.66	5.72	4.04	5.01	4.93	6.10	6.80	7.94	6.86	8.82	8.45
1979	5.05	6.26	-	5.56	5.36	6.58	7.56	8.78	7.73	9.78	9.42
1980	5.53	6.54	-	5.71	5.78	7.19	8.27	9.60	8.28	10.77	10.29
1981	5.98	7.37	5.21	6.29	6.21	8.09	9.08	10.49	9.26	11.88	11.23
1982	6.18	8.03	5.42	7.17	6.41	8.52	9.57	10.96	9.67	12.52	11.85
1983	6.33	8.14	-	7.56	6.58	8.45	10.03	11.28	-	12.92	12.29
West											
1967	2.26	2.57	2.04	2.21	2.30	2.69	2.91	3.37	2.93	3.77	3.74
1968	2.32	2.65	2.12	2.35	2.35	2.87	3.05	3.53	2.95	3.97	3.94
1969	2.45	2.80	2.25	2.55	2.49	2.95	3.16	3.70	3.23	4.24	4.19
1970	2.61	2.92	2.41	2.63	2.64	3.06	3.37	3.90	3.41	4.52	4.42
1971	2.68	3.13	2.43	2.70	2.72	3.30	3.71	4.36	3.58	4.83	4.71
1972	2.81	3.42	2.50	3.06	2.88	3.56	4.05	4.81	3.88	5.16	5.29
1973	2.96	3.45	2.65	3.10	3.03	3.61	4.39	5.17	4.13	5.42	5.72
1974	3.14	3.55	2.76	3.13	3.22	3.80	4.73	5.55	4.47	5.84	6.20
1975	3.55	4.07	-	3.72	3.69	4.17	5.04	6.24	5.04	6.81	6.96
1976	3.90	4.14	-	3.66	3.95	4.28	5.46	6.77	5.40	7.37	7.51
1977	4.17	4.47	-	3.95	4.21	4.56	5.96	7.38	6.05	8.09	8.26
1978	4.43	4.72	4.14	3.93	4.49	5.31	5.95	7.91	6.63	8.68	8.75
1979	4.84	5.08	-	4.34	4.93	5.68	6.52	8.59	7.15	9.57	9.53
1980	5.26	5.67	-	4.55	5.29	6.75	7.65	9.57	7.88	10.47	10.61
1981	5.75	6.79	-	5.69	5.90	7.70	8.20	10.11	7.86	11.67	11.53
1982	6.13	7.21	-	5.96	6.24	7.93	8.39	10.69	8.61	12.44	12.17
1983	6.27	7.77	-	6.79	-	8.18	8.51	11.07	9.21	13.24	12.34
MANUFACTURING											
All metropolitan areas											
1967	2.35	2.37	2.15	2.07	2.37	2.50	2.47	2.98	2.77	3.60	3.32
1968	2.47	2.47	2.26	2.20	2.49	2.62	2.60	3.11	2.87	3.79	3.47
1969	2.62	2.63	2.43	2.37	2.64	2.76	2.76	3.31	3.04	4.03	3.69
1970	2.78	2.80	2.57	2.51	2.80	2.92	2.93	3.50	3.22	4.27	3.95
1971	2.99	2.99	2.78	2.63	3.01	3.14	3.14	3.79	3.41	4.57	4.24
1972	3.23	3.21	2.99	2.79	3.25	3.38	3.38	4.15	3.77	4.91	4.61
1973	3.44	3.39	3.17	2.95	3.47	3.58	3.58	4.39	4.02	5.20	4.89
1974	3.71	3.61	3.48	3.13	3.74	3.84	3.84	4.72	4.39	5.59	5.27
1975	4.20	4.06	3.94	3.52	4.24	4.33	4.30	5.25	5.07	6.40	6.01
1976	4.58	4.36	4.26	3.78	4.62	4.66	4.70	5.66	5.47	6.97	6.47
1977	5.00	4.73	4.65	4.19	5.05	4.99	5.06	6.14	5.97	7.64	7.05
1978	5.40	5.06	5.10	4.50	5.44	5.31	5.39	6.59	6.52	8.28	7.65
1979	5.96	5.51	5.80	4.91	5.96	5.75	5.90	7.23	7.29	9.19	8.54
1980	6.55	5.89	6.38	5.16	6.54	6.30	6.47	7.88	8.03	10.16	9.34
1981	7.16	6.60	-	5.76	7.11	7.05	7.00	8.57	8.73	11.22	10.26
1982	7.67	7.12	-	6.41	7.64	7.51	7.54	9.05	9.12	11.88	10.85
1983	8.06	7.12	-	6.43	8.08	7.59	7.68	9.54	9.05	12.32	11.30

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
MANUFACTURING —Continued											
Northeast											
1967	$2.27	$2.29	$2.14	$1.94	$2.28	$2.39	$2.46	$3.18	$2.73	$3.45	$3.33
1968	2.37	2.40	2.23	2.07	2.38	2.49	2.57	3.34	2.80	3.59	3.45
1969	2.51	2.51	2.36	2.18	2.52	2.62	2.72	3.55	3.01	3.79	3.62
1970	2.65	2.67	2.46	2.34	2.67	2.76	2.92	3.69	3.14	4.00	3.93
1971	2.86	2.86	2.64	2.49	2.88	2.97	3.13	4.06	3.31	4.28	4.23
1972	3.11	3.03	2.85	2.60	3.13	3.18	3.38	4.51	3.69	4.60	4.62
1973	3.31	3.25	3.07	2.86	3.33	3.41	3.56	4.70	3.97	4.89	4.90
1974	3.56	3.46	3.36	2.97	3.58	3.70	3.74	5.02	4.37	5.21	5.21
1975	4.00	3.81	3.83	3.28	4.02	4.09	4.14	5.37	4.91	5.93	5.81
1976	4.37	4.02	4.21	3.35	4.38	4.37	4.52	5.79	5.31	6.47	6.31
1977	4.75	4.47	4.60	3.77	4.76	4.79	4.77	6.19	5.60	7.03	6.85
1978	5.04	4.74	5.07	4.21	5.02	4.95	5.06	6.62	6.10	7.70	7.48
1979	5.53	5.17	5.77	4.62	5.47	5.39	5.40	7.24	6.71	8.43	8.12
1980	6.09	5.66	6.16	5.00	6.05	5.89	5.90	7.77	7.56	9.27	8.82
1981	6.61	6.36	6.66	5.40	6.57	6.72	6.51	8.52	8.46	10.22	9.70
1982	7.12	6.75	7.11	6.29	7.10	6.94	7.09	8.92	8.58	10.88	10.44
1983	7.44	6.83	7.30	6.03	7.44	7.31	7.32	9.78	8.29	11.43	10.99
South											
1967	1.98	1.96	1.75	1.78	2.00	2.09	2.02	2.33	2.67	3.48	2.87
1968	2.08	2.07	1.88	1.86	2.10	2.22	2.16	2.42	2.79	3.60	3.00
1969	2.22	2.19	2.03	1.93	2.24	2.35	2.28	2.56	2.81	3.83	3.20
1970	2.34	2.35	2.10	2.05	2.37	2.50	2.43	2.74	3.06	4.05	3.37
1971	2.49	2.56	2.18	2.23	2.53	2.70	2.60	2.97	3.28	4.29	3.60
1972	2.71	2.72	2.35	2.44	2.75	2.88	2.77	3.18	3.59	4.59	3.86
1973	2.88	2.86	2.52	2.52	2.93	3.06	2.95	3.35	3.79	4.86	4.15
1974	3.09	3.08	2.76	2.72	3.14	3.31	3.18	3.63	4.12	5.22	4.49
1975	3.60	3.43	3.35	3.09	3.65	3.72	3.74	4.06	4.86	5.97	5.12
1976	3.94	3.78	3.59	3.50	3.98	4.01	4.05	4.33	5.22	6.48	5.50
1977	4.27	3.94	3.92	3.67	4.33	4.13	4.37	4.69	5.90	7.10	5.86
1978	4.63	4.20	4.26	3.86	4.69	4.35	4.76	5.08	6.47	7.66	6.32
1979	5.00	4.40	4.63	3.93	5.05	4.65	5.15	5.50	7.01	8.33	6.93
1980	5.56	4.99	5.32	4.38	5.61	5.33	5.68	6.12	7.74	9.46	7.83
1981	6.16	5.25	5.89	4.89	6.20	5.50	6.29	6.60	8.42	10.53	8.62
1982	6.22	5.29	6.22	4.94	6.68	5.62	6.82	7.03	8.71	11.32	9.00
1983	6.85	5.62	6.67	5.35	6.93	6.02	6.73	7.18	9.01	11.74	9.51
North Central											
1967	2.52	2.56	2.30	2.27	2.54	2.70	2.67	3.08	2.85	3.71	3.45
1968	2.67	2.70	2.41	2.41	2.69	2.87	2.81	3.23	2.96	3.96	3.68
1969	2.83	2.88	2.57	2.63	2.86	3.00	3.01	3.46	3.17	4.22	3.95
1970	3.01	3.07	2.78	2.78	3.03	3.21	3.18	3.69	3.35	4.47	4.21
1971	3.26	3.29	3.06	2.92	3.28	3.46	3.41	4.01	3.58	4.81	4.55
1972	3.52	3.55	3.32	3.07	3.54	3.74	3.69	4.39	3.97	5.19	4.92
1973	3.76	3.74	3.49	3.29	3.79	3.92	3.90	4.69	4.18	5.48	5.21
1974	4.07	4.03	3.83	3.62	4.10	4.18	4.22	5.08	4.55	5.92	5.61
1975	4.63	4.60	4.35	4.01	4.67	4.86	4.74	5.62	5.32	6.77	6.43
1976	5.05	5.02	4.69	4.38	5.11	5.31	5.19	6.07	5.79	7.37	6.97
1977	5.54	5.33	5.13	4.73	5.60	5.60	5.67	6.67	6.27	8.11	7.74
1978	6.05	5.80	5.65	5.08	6.10	6.12	6.24	7.25	6.92	8.82	8.38
1979	6.76	6.43	-	5.75	6.80	6.62	6.87	8.05	7.92	9.79	9.46
1980	7.47	6.62	-	5.70	7.48	7.33	7.55	8.71	8.49	10.79	10.24
1981	8.21	7.49	-	6.35	8.17	8.23	8.15	9.70	9.49	11.92	11.32
1982	8.74	8.18	-	7.22	8.73	8.68	8.69	10.31	9.99	12.53	12.05
1983	9.17	8.25	-	7.49	9.27	8.70	9.03	10.75	-	12.88	12.38

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
MANUFACTURING —Continued											
West											
1967	$2.53	$2.44	$2.44	$2.17	$2.54	$2.58	$2.73	$3.38	$2.93	$3.74	$3.64
1968	2.65	2.51	2.53	2.30	2.66	2.78	2.85	3.53	2.94	3.93	3.75
1969	2.80	2.70	2.80	2.54	2.80	2.87	2.94	3.72	3.25	4.20	4.03
1970	2.95	2.81	2.93	2.55	2.95	2.97	3.18	3.98	3.42	4.48	4.29
1971	3.20	2.96	3.22	2.60	3.20	3.14	3.44	4.32	3.55	4.79	4.60
1972	3.34	3.23	3.40	3.01	3.34	3.32	3.67	4.74	3.84	5.10	5.12
1973	3.53	3.16	3.51	2.61	3.53	3.32	3.86	5.06	4.13	5.35	5.47
1974	3.75	3.06	3.76	2.80	3.75	3.28	4.04	5.37	4.52	5.78	5.83
1975	4.22	3.89	4.30	3.94	4.22	3.89	4.45	6.24	5.08	6.72	6.55
1976	4.60	3.82	4.65	3.42	4.60	3.92	4.90	6.63	5.37	7.27	7.05
1977	4.98	4.25	5.18	4.05	4.96	4.31	5.19	7.21	6.07	7.97	7.71
1978	5.38	4.11	-	3.97	5.36	4.12	4.83	7.74	6.70	8.54	8.35
1979	5.82	4.46	-	4.33	5.76	4.54	5.37	8.27	7.23	9.48	9.03
1980	6.39	4.75	-	4.40	6.30	5.03	6.36	9.09	8.18	10.39	10.08
1981	6.91	5.92	-	5.49	6.85	6.31	6.55	9.83	7.97	11.77	10.92
1982	7.51	6.13	-	-	7.41	6.30	6.74	10.60	8.86	12.54	11.69
1983	7.90	5.99	-	6.38	7.80	5.72	6.39	11.23	9.49	13.23	12.20
NONMANUFACTURING											
All metropolitan areas											
1967	1.83	2.25	1.73	1.91	1.87	2.37	2.64	3.08	2.69	3.73	3.38
1968	1.93	2.41	1.85	2.09	1.97	2.52	2.77	3.27	2.83	3.93	3.57
1969	2.07	2.55	1.96	2.18	2.12	2.67	2.92	3.44	2.97	4.20	3.79
1970	2.20	2.74	2.07	2.36	2.25	2.86	3.09	3.66	3.17	4.49	4.03
1971	2.30	2.95	2.16	2.54	2.36	3.11	3.41	4.08	3.47	4.85	4.43
1972	2.46	3.13	2.35	2.67	2.52	3.33	3.71	4.55	3.74	5.26	4.91
1973	2.59	3.26	2.48	2.85	2.65	3.50	3.99	4.95	3.95	5.56	5.34
1974	2.74	3.49	2.62	3.09	2.81	3.74	4.31	5.31	4.25	5.95	5.79
1975	3.09	3.81	2.96	3.32	3.16	4.19	4.82	5.82	4.69	6.72	6.44
1976	3.38	4.17	3.27	3.63	3.44	4.53	5.25	6.33	5.15	7.33	6.97
1977	3.51	4.49	3.33	3.84	3.56	4.88	5.88	6.84	5.57	7.97	7.59
1978	3.74	5.00	3.55	4.28	3.81	5.53	6.45	7.46	5.92	8.49	8.16
1979	4.00	5.33	3.80	4.50	4.11	5.97	7.20	8.10	6.19	9.12	8.93
1980	4.34	5.77	4.12	4.76	4.44	6.58	7.85	9.01	-	9.97	9.84
1981	4.64	5.93	4.39	4.91	4.77	6.70	8.51	9.69	-	10.88	10.69
1982	4.86	6.42	4.56	5.53	4.99	7.16	8.84	10.05	-	11.72	11.24
1983	5.07	6.98	4.77	5.78	5.11	7.95	9.15	10.32	-	12.40	11.62
Northeast											
1967	1.96	2.17	1.84	1.84	2.03	2.27	2.73	3.23	2.77	3.57	3.33
1968	2.06	2.28	1.94	2.04	2.13	2.36	2.84	3.38	2.85	3.75	3.51
1969	2.22	2.41	2.10	2.10	2.29	2.52	3.03	3.56	3.01	3.99	3.75
1970	2.39	2.63	2.23	2.27	2.48	2.74	3.20	3.80	3.25	4.32	4.03
1971	2.54	2.76	2.37	2.35	2.64	2.93	3.55	4.22	3.52	4.65	4.37
1972	2.83	2.81	2.73	2.34	2.89	3.04	3.88	4.81	3.82	5.00	4.88
1973	3.03	2.95	2.97	2.53	3.06	3.18	4.17	5.25	4.18	5.40	5.32
1974	3.22	3.08	3.19	2.72	3.24	3.28	4.54	5.61	4.50	5.80	5.75
1975	3.68	3.27	3.62	2.81	3.71	3.64	4.97	6.00	4.91	6.45	6.35
1976	4.04	3.53	4.08	3.03	4.02	3.97	5.38	6.57	5.37	7.06	6.96
1977	4.21	3.76	4.24	3.20	4.16	4.17	5.87	7.03	5.45	7.65	7.49
1978	4.42	4.14	4.42	4.00	4.38	4.23	6.60	7.72	5.85	8.13	7.97
1979	4.68	4.46	4.65	4.28	4.72	4.58	7.75	8.23	6.50	8.68	8.62
1980	5.00	4.73	4.93	4.04	5.06	5.13	8.39	9.20	6.84	9.43	9.41
1981	5.19	4.70	5.13	4.21	5.26	5.04	8.73	9.91	7.98	10.33	10.29
1982	5.60	5.20	5.59	4.79	5.62	5.57	9.09	10.28	8.69	11.25	10.95
1983	5.96	5.57	5.98	5.12	5.98	6.59	9.44	10.60	9.27	11.96	11.30

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
NONMANUFACTURING —Continued											
South											
1967	$1.45	$1.92	$1.39	$1.90	$1.47	$1.92	$2.00	$2.54	$2.38	$3.44	$3.10
1968	1.60	2.02	1.56	1.86	1.61	2.05	2.14	2.72	2.56	3.62	3.28
1969	1.72	2.20	1.66	2.20	1.74	2.20	2.22	2.90	2.72	3.79	3.48
1970	1.78	2.36	1.70	2.27	1.81	2.39	2.32	3.08	2.84	4.01	3.69
1971	1.84	2.60	1.75	2.55	1.88	2.62	2.47	3.41	3.17	4.43	4.08
1972	1.93	2.65	1.83	2.47	1.98	2.73	2.68	3.75	3.35	4.76	4.44
1973	1.99	2.65	1.87	2.44	2.05	2.77	2.87	4.03	3.44	5.08	4.77
1974	2.10	2.80	1.96	2.57	2.18	2.96	3.12	4.33	3.71	5.32	5.24
1975	2.38	3.50	2.27	3.17	2.45	3.75	3.63	4.88	4.08	6.06	5.95
1976	2.58	3.73	2.47	3.29	2.65	4.07	3.91	5.27	4.45	6.67	6.41
1977	2.66	4.06	2.52	3.62	2.75	4.36	4.31	5.69	5.14	7.35	6.99
1978	2.94	4.51	2.80	3.82	3.04	5.03	4.70	6.20	5.24	7.81	7.61
1979	3.19	4.74	3.04	3.70	3.29	5.69	5.06	6.73	–	8.27	8.29
1980	3.46	5.21	3.28	4.17	3.57	6.08	5.46	7.56	–	9.16	9.14
1981	3.74	5.43	4.56	–	3.87	–	6.09	8.34	–	10.36	10.01
1982	3.79	5.65	3.60	–	3.94	–	–	8.61	–	10.87	10.43
1983	3.86	5.88	3.66	5.06	4.02	6.43	6.66	8.80	–	11.21	10.89
North Central											
1967	1.87	2.34	1.76	1.89	1.93	2.56	2.82	3.26	2.89	3.89	3.46
1968	1.97	2.54	1.85	2.10	2.03	2.75	2.99	3.50	3.04	4.10	3.67
1969	2.09	2.72	1.94	2.15	2.16	2.94	3.18	3.68	3.09	4.44	3.87
1970	2.22	2.90	2.07	2.37	2.29	3.10	3.40	3.93	3.40	4.77	4.13
1971	2.36	3.18	2.19	2.60	2.46	3.44	3.84	4.44	3.70	5.16	4.65
1972	2.49	3.45	2.31	2.88	2.59	3.69	4.21	4.97	4.01	5.65	5.16
1973	2.59	3.58	2.42	3.05	2.69	3.92	4.59	5.44	4.29	5.87	5.64
1974	2.78	3.86	2.63	3.37	2.86	4.20	4.87	5.83	4.74	6.31	6.07
1975	3.11	4.14	2.96	3.64	3.19	4.54	5.35	6.32	5.22	7.10	6.67
1976	3.34	4.59	3.18	4.15	3.49	4.88	5.91	6.86	5.68	7.77	7.20
1977	3.50	4.99	–	4.32	–	5.55	6.67	7.45	6.12	8.25	7.84
1978	3.77	5.51	3.64	4.85	3.83	6.05	7.38	8.15	6.68	8.83	8.49
1979	4.03	5.82	–	5.22	4.10	6.43	8.41	9.06	6.85	9.59	9.40
1980	4.48	6.24	4.35	5.75	4.47	6.65	9.14	9.95	7.58	10.49	10.32
1981	4.80	6.78	4.61	6.01	4.77	7.38	10.14	10.81	–	11.51	11.17
1982	4.98	7.44	4.75	6.99	4.96	7.84	10.55	11.22	–	12.47	11.75
1983	5.20	7.77	5.06	–	5.06	7.73	11.09	11.47	8.75	13.25	12.24
West											
1967	2.15	2.72	1.99	–	2.18	2.78	3.03	3.36	2.92	3.94	3.79
1968	2.18	2.89	2.07	2.56	2.21	2.97	3.18	3.53	2.99	4.12	4.02
1969	2.32	2.96	2.17	–	2.35	3.04	3.30	3.70	3.17	4.44	4.25
1970	2.49	3.09	2.34	2.84	2.52	3.15	3.49	3.87	3.37	4.67	4.48
1971	2.52	3.33	2.34	2.88	2.56	3.47	3.86	4.37	3.66	5.02	4.74
1972	2.65	3.62	2.43	3.12	2.72	3.81	4.29	4.84	4.02	5.44	5.35
1973	2.81	3.79	2.56	3.46	2.87	3.93	4.71	5.21	4.14	5.76	5.82
1974	2.97	4.16	2.66	3.82	3.05	4.29	5.14	5.61	4.26	6.10	6.32
1975	3.34	4.34	–	–	3.47	4.71	5.44	6.24	4.88	7.18	7.12
1976	3.71	4.61	–	3.92	3.73	4.87	5.88	6.82	–	7.81	7.68
1977	3.95	4.89	–	–	3.94	5.05	6.61	7.45	–	8.57	8.47
1978	4.18	5.71	3.97	–	4.23	6.91	6.76	7.97	–	9.13	8.89
1979	4.60	5.98	–	–	4.69	6.68	–	8.69	–	9.90	9.71
1980	4.96	6.96	–	–	4.99	–	8.49	9.74	–	10.80	10.75
1981	5.43	8.59	–	–	5.59	–	–	10.19	–	–	11.74
1982	5.79	8.64	–	–	5.90	–	9.43	10.72	–	12.08	12.33
1983	5.95	10.11	–	–	–	–	9.70	11.02	–	13.27	12.38

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES											
All metropolitan areas											
1967	$2.28	–	$2.01	–	$2.37	–	$3.02	$3.30	$2.78	$3.83	$3.40
1968	2.39	–	2.09	–	2.48	–	3.23	3.52	2.91	4.20	3.60
1969	2.55	–	2.24	–	2.64	–	3.41	3.71	3.06	4.27	3.82
1970	2.75	–	2.38	–	2.85	–	3.62	3.94	3.27	4.54	4.08
1971	2.99	–	2.53	–	3.12	–	4.11	4.49	3.57	4.91	4.50
1972	3.33	–	2.83	–	3.46	–	4.56	5.06	3.89	5.35	5.02
1973	3.62	–	3.14	–	3.75	–	5.00	5.56	4.11	5.75	5.48
1974	3.89	–	3.37	–	4.02	–	5.48	5.96	4.46	6.09	5.94
1975	4.49	–	3.98	–	4.63	–	6.03	6.55	4.91	6.93	6.58
1976	4.91	–	4.38	–	5.06	–	6.69	7.15	5.46	7.60	7.12
1977	5.30	–	4.77	–	5.44	–	7.60	7.86	5.92	8.22	7.81
1978	5.65	–	–	–	5.77	–	8.27	8.64	6.11	8.80	8.43
1979	6.22	–	–	–	6.36	–	9.08	9.48	–	9.60	9.23
1980	6.73	–	–	–	6.86	–	10.03	10.60	–	10.48	10.26
1981	7.34	–	–	–	7.42	–	11.11	11.39	–	11.41	11.15
1982	7.97	–	–	–	7.92	–	11.13	11.75	–	12.39	11.70
1983	8.48	–	–	–	8.43	–	11.37	11.79	–	13.41	12.04
Northeast											
1967	2.37	–	2.07	–	2.47	–	3.08	3.35	2.83	3.69	3.32
1968	2.48	–	2.17	–	2.58	–	3.25	3.53	2.91	3.86	3.51
1969	2.65	–	2.31	–	2.75	–	3.47	3.71	3.05	4.11	3.73
1970	2.87	–	2.47	–	2.97	–	3.64	3.96	3.30	4.40	4.05
1971	3.07	–	2.59	–	3.19	–	4.13	4.47	3.57	4.76	4.44
1972	3.45	–	2.87	–	3.58	–	4.72	5.12	3.93	5.21	5.00
1973	3.80	–	3.26	–	3.91	–	5.24	5.62	4.28	5.64	5.46
1974	4.10	–	3.53	–	4.20	–	5.71	6.04	4.62	6.04	5.91
1975	4.70	–	4.24	–	4.80	–	6.13	6.64	5.23	6.74	6.55
1976	5.13	–	4.80	–	5.20	–	6.78	7.21	5.72	7.48	7.13
1977	5.50	–	5.25	–	5.56	–	7.61	7.93	5.94	8.13	7.70
1978	5.88	–	5.48	–	5.98	–	8.64	8.76	6.45	8.68	8.21
1979	6.39	–	5.94	–	6.50	–	9.62	9.41	6.98	9.48	8.84
1980	6.74	–	6.55	–	6.80	–	10.87	10.65	7.44	10.35	9.77
1981	7.25	–	7.10	–	7.30	–	11.61	11.50	8.90	11.25	10.64
1982	7.87	–	7.78	–	7.91	–	12.09	12.02	9.38	11.95	11.34
1983	8.49	–	8.46	–	8.50	–	12.22	12.16	9.60	12.97	11.75
South											
1967	1.98	–	1.81	–	2.03	–	2.47	3.03	2.57	3.55	3.15
1968	2.10	–	1.92	–	2.15	–	2.64	3.23	2.72	3.78	3.34
1969	2.26	–	2.05	–	2.32	–	2.74	3.43	2.87	4.01	3.55
1970	2.43	–	2.20	–	2.49	–	2.85	3.63	3.01	4.21	3.78
1971	2.66	–	2.40	–	2.73	–	2.94	4.16	3.34	4.68	4.20
1972	2.91	–	2.59	–	3.00	–	3.16	4.63	3.58	4.94	4.60
1973	3.13	–	2.92	–	3.19	–	3.40	5.04	3.65	5.34	4.98
1974	3.34	–	3.08	–	3.40	–	3.82	5.38	4.00	5.65	5.46
1975	3.91	–	3.55	–	4.01	–	4.37	6.01	4.27	6.57	6.15
1976	4.28	–	3.87	–	4.41	–	4.82	6.56	4.80	–	6.67
1977	4.73	–	4.27	–	4.86	–	5.39	7.25	5.33	–	7.38
1978	5.03	–	4.78	–	5.09	–	5.85	7.96	5.23	8.23	8.06
1979	5.50	–	5.13	–	5.58	–	6.19	8.73	–	8.87	8.76
1980	6.14	–	5.57	–	6.32	–	6.60	9.79	–	9.89	9.75
1981	6.69	–	5.95	–	6.90	–	7.34	10.47	–	–	10.71
1982	6.94	–	6.64	–	7.07	–	7.42	10.74	–	–	11.11
1983	7.43	–	7.24	–	7.43	–	7.83	10.65	–	–	11.40

See footnotes at end of table.

Table 96. Average earnings[1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Mainten-ance trades helpers	Electri-cians	Mechan-ics (motor vehicles)
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES —Continued											
North Central											
1967	$2.37	–	$2.05	–	$2.50	–	$3.12	$3.37	$2.91	$3.94	$3.48
1968	2.46	–	2.11	–	2.60	–	3.39	3.65	3.07	4.12	3.69
1969	2.64	–	2.29	–	2.78	–	3.57	3.83	3.24	4.38	3.90
1970	2.81	–	2.40	–	2.97	–	3.85	4.10	3.50	4.66	4.18
1971	3.09	–	2.52	–	3.31	–	4.45	4.69	3.79	5.02	4.68
1972	3.44	–	2.90	–	3.64	–	4.93	5.26	4.09	5.52	5.21
1973	3.72	–	3.15	–	3.95	–	5.47	5.81	4.35	5.83	5.69
1974	4.00	–	3.37	–	4.26	–	5.94	6.21	4.85	6.22	6.11
1975	4.53	–	3.96	–	4.76	–	6.45	6.75	5.29	7.01	6.72
1976	4.96	–	4.30	–	5.20	–	7.16	7.42	5.76	7.67	7.28
1977	5.34	–	4.61	–	5.65	–	8.09	8.17	6.31	8.26	7.90
1978	5.66	–	–	–	5.93	–	8.95	8.94	6.50	8.87	8.58
1979	6.35	–	–	–	–	–	9.97	9.90	7.19	9.74	9.56
1980	6.90	–	–	–	–	–	10.91	11.02	7.95	10.59	10.53
1981	7.65	–	–	–	–	–	12.21	12.17	–	11.62	11.43
1982	8.53	–	–	–	–	–	12.61	12.58	–	12.53	11.95
1983	8.93	–	–	–	–	–	12.88	12.77	–	13.33	12.42
West											
1967	2.45	–	–	–	2.49	–	3.30	3.46	2.91	3.99	3.82
1968	2.56	–	2.23	–	2.61	–	3.57	3.69	3.03	4.20	4.05
1969	2.71	–	–	–	2.77	–	3.67	3.87	–	4.48	4.30
1970	2.91	–	–	–	2.97	–	3.86	4.07	–	4.75	4.53
1971	3.17	–	–	–	3.25	–	4.43	4.68	–	5.08	4.80
1972	3.48	–	–	–	3.56	–	5.15	5.27	–	5.59	5.46
1973	3.77	–	–	–	3.84	–	5.63	5.75	–	6.01	5.95
1974	4.07	–	–	–	4.11	–	6.13	6.22	–	6.38	6.52
1975	4.76	–	–	–	4.78	–	6.52	6.83	–	7.45	7.21
1976	5.23	–	–	–	5.26	–	7.26	7.42	–	8.09	7.78
1977	5.52	–	–	–	–	–	8.05	8.09	–	8.72	8.59
1978	5.97	–	–	–	5.94	–	7.61	8.80	–	9.40	9.14
1979	6.59	–	–	–	–	–	8.13	9.84	–	10.26	10.03
1980	7.09	–	–	–	–	–	9.46	10.92	–	11.10	11.21
1981	7.92	–	–	–	–	–	11.45	11.45	–	–	12.13
1982	8.64	–	–	–	–	–	10.36	11.80	–	–	12.96
1983	8.90	–	–	–	–	–	10.30	11.74	–	–	12.99
WHOLESALE TRADE											
All metropolitan areas											
1967	1.98	$2.39	1.64	$1.90	2.03	$2.46	2.40	2.81	2.43	3.38	3.28
1968	2.10	2.54	1.79	2.14	2.14	2.61	2.49	2.96	2.59	3.49	3.47
1969	2.27	2.68	1.96	2.19	2.31	2.75	2.62	3.12	2.85	3.68	3.62
1970	2.43	2.86	2.20	2.40	2.46	2.93	2.76	3.33	2.92	3.95	3.85
1971	2.62	3.08	2.35	2.50	2.66	3.20	3.00	3.63	3.22	4.31	4.18
1972	2.80	3.34	2.43	2.92	2.85	3.43	3.27	4.02	3.42	4.57	4.56
1973	3.04	3.51	2.59	3.21	3.10	3.59	3.49	4.29	3.74	4.80	4.91
1974	3.27	3.77	2.73	3.46	3.35	3.88	3.73	4.59	3.97	5.35	5.27
1975	3.72	4.14	2.98	3.72	3.83	4.29	4.25	5.19	4.92	6.26	6.09
1976	3.96	4.47	3.20	4.04	4.08	4.63	4.53	5.62	–	6.84	6.67
1977	4.30	4.76	3.61	3.97	4.41	5.02	4.93	5.98	–	7.23	7.14
1978	4.60	5.20	3.78	4.13	4.71	5.72	5.27	6.25	–	7.49	7.57
1979	5.00	5.56	4.54	4.49	5.07	6.20	5.74	6.70	–	8.02	8.18
1980	5.54	6.11	–	4.81	5.47	6.94	6.18	7.43	–	9.36	8.89
1981	5.98	6.11	–	4.81	6.01	6.91	6.76	8.04	–	9.82	9.77

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
WHOLESALE TRADE—Continued											
All metropolitan areas—Continued											
1982	$6.54	$6.62	–	$5.49	$6.56	$7.37	$7.37	$8.49	–	$10.14	$10.18
1983	6.68	7.30	$5.69	5.58	6.76	8.28	7.66	9.05	–	10.74	10.85
Northeast											
1967	2.09	2.33	–	–	2.12	2.40	2.54	3.07	–	–	3.50
1968	2.24	2.41	–	–	2.26	2.48	2.60	3.18	–	–	3.65
1969	2.39	2.56	–	–	2.41	2.63	2.75	3.36	–	–	3.82
1970	2.52	2.74	–	–	2.53	2.81	3.01	3.62	–	–	4.07
1971	2.70	2.83	–	–	2.69	2.99	3.26	3.91	–	–	4.32
1972	2.93	3.04	–	–	2.95	3.13	3.52	4.43	–	–	4.65
1973	3.15	3.20	–	–	3.15	3.25	3.66	4.79	–	–	5.09
1974	3.31	3.32	–	–	3.34	3.38	4.13	5.11	–	–	5.33
1975	3.93	3.57	–	–	4.01	3.63	4.77	5.66	–	–	5.99
1976	3.95	3.93	–	–	4.05	4.03	4.93	6.23	–	–	6.67
1977	4.17	4.04	–	–	4.20	4.21	4.88	6.56	–	–	7.19
1978	4.39	4.10	–	–	4.45	4.14	5.30	6.58	–	–	7.59
1979	4.78	4.50	–	–	4.83	4.52	6.23	6.93	–	–	8.11
1980	5.22	–	–	–	5.36	–	6.31	7.73	–	–	8.53
1981	5.33	4.47	–	–	5.45	–	6.83	8.35	–	–	9.13
1982	5.78	–	–	–	5.92	–	7.44	8.60	–	–	9.76
1983	6.22	–	–	–	6.34	–	–	9.17	–	–	10.29
South											
1967	1.65	1.98	1.44	–	1.69	1.98	1.72	2.04	–	–	2.91
1968	1.74	2.06	1.56	–	1.77	2.09	1.81	2.17	–	–	3.03
1969	1.89	2.23	1.72	–	1.92	2.25	1.93	2.31	–	–	3.17
1970	2.05	2.42	1.86	–	2.08	2.45	2.05	2.45	–	–	3.34
1971	2.18	2.67	1.99	–	2.22	2.72	2.21	2.60	–	–	3.58
1972	2.29	2.73	1.97	–	2.34	2.79	2.43	2.83	–	–	3.79
1973	2.50	2.74	2.06	–	2.58	2.79	2.62	3.04	–	–	4.03
1974	2.67	2.90	2.23	–	2.76	3.04	2.76	3.23	–	–	4.39
1975	2.98	3.68	2.56	–	3.10	3.93	3.25	3.90	–	–	5.41
1976	3.19	3.93	2.79	2.98	3.29	4.26	3.55	4.17	–	–	5.79
1977	3.42	4.16	3.07	–	3.51	4.47	3.82	4.35	–	–	6.02
1978	3.77	4.39	3.25	–	3.87	5.11	4.15	4.65	–	–	6.50
1979	4.07	4.73	3.49	–	4.17	–	4.61	4.94	–	–	6.81
1980	4.70	–	4.12	–	4.80	–	5.03	5.58	–	–	7.63
1981	5.19	–	4.13	–	5.42	–	5.70	6.25	–	–	8.45
1982	5.94	–	4.65	–	6.19	–	–	6.56	–	–	8.60
1983	6.00	4.53	5.14	–	6.27	–	6.11	6.91	–	–	9.77
North Central											
1967	2.10	2.50	1.78	1.91	2.14	2.61	2.64	3.05	–	–	3.34
1968	2.23	2.69	–	2.21	2.27	2.83	2.75	3.29	–	–	3.56
1969	2.42	2.87	–	2.15	2.46	3.00	2.95	3.45	–	–	3.61
1970	2.60	3.04	2.28	2.38	2.65	3.17	3.14	3.66	–	–	3.82
1971	2.84	3.37	2.45	2.65	2.91	3.53	3.49	4.14	–	–	4.29
1972	3.09	3.67	2.65	3.12	3.16	3.78	3.85	4.57	–	–	4.73
1973	3.37	3.88	2.77	3.40	3.46	4.01	4.14	4.90	–	–	5.18
1974	3.70	4.20	3.12	3.90	3.78	4.30	4.33	5.22	–	–	5.48
1975	4.12	4.47	3.46	4.17	4.22	4.61	4.75	5.79	–	–	6.14
1976	4.48	4.81	3.69	4.51	4.56	4.94	5.15	6.24	–	–	6.77
1977	5.03	5.29	4.38	4.44	5.13	5.82	5.86	6.65	–	–	7.35
1978	5.38	5.93	–	5.05	5.47	6.36	6.19	7.15	–	–	7.84
1979	6.13	6.31	–	5.42	6.19	6.94	6.94	8.05	–	–	8.57
1980	6.64	6.79	–	–	–	7.29	7.30	8.60	–	–	9.19
1981	7.03	7.06	–	–	6.61	–	8.03	9.31	–	–	9.82

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
WHOLESALE TRADE—Continued											
North Central—Continued											
1982	$7.26	$7.82	-	-	$6.90	$8.21	$8.46	$9.78	-	-	$10.73
1983	7.20	8.01	-	-	7.06	-	8.61	10.22	-	-	11.54
West											
1967	2.30	2.78	-	-	2.32	2.81	2.92	3.25	-	-	3.62
1968	2.28	2.99	-	-	2.29	2.99	2.99	3.34	-	-	3.82
1969	2.52	3.05	-	-	2.54	3.05	3.17	3.55	-	-	4.03
1970	2.66	3.15	-	-	2.66	3.17	3.25	3.76	-	-	4.27
1971	2.90	3.44	-	-	2.90	3.50	3.42	4.07	-	-	4.60
1972	3.02	3.74	-	-	3.03	3.84	3.72	4.50	-	-	5.14
1973	3.32	3.92	-	-	3.33	4.03	3.98	4.75	-	-	5.44
1974	3.55	4.29	-	-	3.57	4.44	4.37	5.06	-	-	5.77
1975	3.95	4.39	-	-	3.95	4.68	4.50	5.67	-	-	6.79
1976	4.39	4.64	-	-	4.45	4.80	4.48	6.16	-	-	7.31
1977	4.77	4.92	-	-	4.88	4.94	5.05	6.84	-	-	7.89
1978	5.29	-	-	-	5.31	-	5.89	7.08	-	-	8.00
1979	6.00	-	-	-	6.04	-	-	7.67	-	-	8.82
1980	6.24	-	-	-	6.30	-	-	8.73	-	-	10.31
1981	7.01	-	-	-	7.31	-	-	8.90	-	-	11.57
1982	7.38	-	-	-	7.63	-	7.85	9.78	-	-	12.26
1983	7.88	-	-	-	-	-	-	10.58	-	-	12.26
RETAIL TRADE											
All metropolitan areas											
1967	1.70	1.99	$1.49	$1.91	1.74	2.07	2.27	2.70	$2.28	$3.69	3.21
1968	1.83	2.14	1.65	2.06	1.86	2.22	2.40	2.87	2.48	3.92	3.35
1969	1.96	2.27	1.80	2.18	1.99	2.37	2.53	3.01	2.58	4.20	3.53
1970	2.11	2.43	1.89	2.34	2.15	2.54	2.67	3.18	2.71	4.60	3.76
1971	2.26	2.63	2.01	2.54	2.30	2.76	2.89	3.49	3.07	5.02	4.12
1972	2.37	2.66	2.11	2.50	2.42	2.93	3.12	3.88	3.24	5.50	4.53
1973	2.50	2.79	2.22	2.60	2.55	3.13	3.29	4.17	3.33	5.77	4.92
1974	2.67	2.97	2.38	2.75	2.73	3.31	3.51	4.49	3.53	6.07	5.28
1975	3.01	3.43	2.70	3.18	3.06	3.92	4.01	4.96	-	7.03	6.07
1976	3.25	3.67	2.91	3.41	3.30	4.21	4.38	5.38	-	7.40	6.72
1977	3.47	4.10	3.12	3.83	3.52	4.57	4.62	5.76	-	7.89	7.04
1978	3.73	4.62	3.27	4.47	3.81	5.00	5.09	6.33	-	8.59	7.59
1979	4.04	4.89	-	-	4.05	-	-	6.81	-	9.04	8.39
1980	4.37	5.16	-	-	4.36	-	-	7.61	-	-	9.19
1981	4.77	5.57	-	-	4.76	-	-	7.98	-	10.61	9.88
1982	5.04	6.01	-	-	5.04	-	-	8.38	-	-	10.55
1983	5.26	6.43	-	-	5.29	-	-	9.10	-	-	11.52
Northeast											
1967	1.78	1.95	1.58	1.87	1.82	2.01	2.24	2.91	-	3.79	-
1968	1.90	2.12	1.71	2.04	1.94	2.16	2.38	2.99	-	4.00	-
1969	2.04	2.19	1.86	2.06	2.07	2.29	2.55	3.18	-	4.26	-
1970	2.18	2.34	1.94	2.22	2.22	2.45	2.67	3.47	-	4.69	-
1971	2.33	2.51	2.07	2.35	2.38	2.66	2.88	3.70	-	5.10	-
1972	2.51	2.44	2.21	2.15	2.56	2.80	3.08	4.14	-	5.61	-
1973	2.64	2.57	2.31	2.27	2.70	2.99	3.17	4.42	-	5.97	-
1974	2.84	2.76	2.52	2.42	2.90	3.19	3.46	4.68	-	6.49	-
1975	3.12	2.98	2.81	2.66	3.18	3.54	3.99	4.68	-	7.49	5.44
1976	3.33	3.17	3.01	2.96	3.40	3.62	4.52	5.27	-	7.51	6.07
1977	3.61	3.40	3.26	3.17	3.68	3.79	4.70	5.44	-	7.96	-
1978	3.70	3.98	3.36	-	3.76	-	4.93	6.30	-	8.92	-
1979	3.98	4.09	-	-	4.02	-	5.19	6.81	-	9.12	-

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
RETAIL TRADE —Continued											
Northeast —Continued											
1980	$4.27	$4.32	–	–	$4.25	–	–	$7.24	–	–	–
1981	4.81	4.79	–	–	4.79	–	–	7.94	–	–	–
1982	5.10	5.18	–	–	5.11	–	–	8.62	–	–	–
1983	5.43	5.38	–	$5.18	5.41	–	–	8.85	–	–	–
South											
1967	1.43	1.79	$1.34	1.88	1.45	$1.73	$1.86	2.03	–	–	$2.86
1968	1.57	1.89	1.51	1.94	1.58	1.86	1.99	2.23	–	–	2.98
1969	1.70	2.12	1.63	–	1.71	1.95	2.10	2.34	–	–	3.11
1970	1.80	2.24	1.71	–	1.82	2.14	2.23	2.50	–	–	3.28
1971	1.91	2.44	1.78	–	1.94	2.23	2.43	2.72	–	–	3.63
1972	2.03	2.55	1.82	–	2.07	2.50	2.63	3.07	–	–	4.05
1973	2.12	2.53	1.94	2.49	2.16	2.64	2.79	3.28	–	–	4.43
1974	2.29	2.71	2.09	2.72	2.33	2.68	3.03	3.57	–	–	4.71
1975	2.62	3.36	2.48	3.39	2.65	3.29	3.49	4.06	–	–	5.49
1976	2.81	3.51	2.66	3.55	2.84	3.41	3.73	4.34	–	–	6.00
1977	3.04	4.01	2.80	3.97	3.08	4.08	4.22	4.80	–	–	6.27
1978	3.45	4.79	3.05	4.63	3.54	5.00	4.74	5.29	–	–	6.59
1979	3.74	4.94	3.31	–	3.79	–	–	5.81	–	–	7.44
1980	4.02	5.19	–	–	4.05	–	–	6.53	–	–	8.23
1981	4.37	–	–	–	4.41	–	–	6.99	–	–	9.00
1982	4.54	–	4.15	–	4.61	–	–	7.25	–	–	9.54
1983	4.72	6.75	4.38	–	4.80	–	–	7.83	–	–	11.03
North Central											
1967	1.76	2.05	1.55	1.87	1.80	2.35	2.47	3.09	–	–	3.43
1968	1.88	2.20	1.70	2.01	1.92	2.49	2.60	3.26	–	–	3.59
1969	2.05	2.36	1.86	2.16	2.09	2.74	2.75	3.47	–	–	3.83
1970	2.21	2.57	1.96	2.37	2.26	2.92	2.91	3.67	–	–	4.01
1971	2.37	2.81	2.12	2.53	2.42	3.36	3.22	4.09	–	–	4.48
1972	2.48	2.95	2.28	2.68	2.52	3.63	3.53	4.65	–	–	5.05
1973	2.62	3.13	2.40	2.86	2.67	3.80	3.82	5.10	–	–	5.45
1974	2.84	3.32	2.53	2.97	2.91	4.20	3.89	5.40	–	–	6.03
1975	3.14	3.83	2.81	3.37	3.22	5.04	4.40	5.76	–	–	6.65
1976	3.42	4.20	3.03	3.73	3.52	5.41	4.80	6.13	–	–	7.33
1977	3.59	4.61	3.23	4.23	3.68	5.58	4.85	6.42	–	–	7.65
1978	3.73	4.90	3.33	4.79	3.82	5.33	5.44	6.82	–	–	8.07
1979	4.04	5.30	–	–	3.96	–	–	7.25	–	–	–
1980	4.49	5.71	–	–	4.40	–	–	8.19	–	–	–
1981	4.98	6.42	–	–	4.90	–	–	8.68	–	–	10.93
1982	5.25	7.06	–	–	5.12	–	–	9.08	–	–	–
1983	5.38	8.02	–	–	5.33	–	–	9.85	–	–	11.81
West											
1967	2.18	–	1.82	–	2.21	–	2.70	3.22	–	–	3.67
1968	2.18	–	1.91	–	2.20	–	2.76	3.34	–	–	3.89
1969	2.24	–	2.05	–	2.26	–	2.87	3.41	–	–	4.12
1970	2.46	–	2.22	–	2.48	–	3.07	3.53	–	–	–
1971	2.59	–	2.40	–	2.61	–	3.24	3.96	–	–	–
1972	2.71	–	2.63	–	2.72	–	3.53	4.29	–	–	–
1973	2.84	–	2.66	–	2.85	–	3.79	4.54	–	–	–
1974	2.92	–	2.65	–	2.95	–	4.15	4.94	–	–	5.82
1975	3.40	–	–	–	3.44	–	4.42	5.81	–	–	7.37
1976	3.68	–	–	–	3.72	–	5.01	6.39	–	–	8.09
1977	3.94	–	–	–	3.96	–	–	7.11	–	–	–
1978	4.14	–	–	–	4.20	–	–	7.83	–	–	–
1979	4.54	–	–	–	4.52	–	–	8.08	–	–	–
1980	4.83	–	–	–	4.82	–	–	8.97	–	–	–
1981	5.17	–	–	–	5.18	–	–	9.43	–	–	–

See footnotes at end of table.

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Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Mainten-ance trades helpers	Electri-cians	Mechan-ics (motor vehicles)
RETAIL TRADE --Continued											
West —Continued											
1982	$5.61	-	-	-	$5.58	-	-	$10.18	-	-	-
1983	5.87	-	-	-	5.90	-	-	11.27	-	-	$12.86
FINANCE, INSURANCE, AND REAL ESTATE											
All metropolitan areas											
1967	1.86	-	$1.72	-	1.98	-	-	-	$2.53	$3.64	-
1968	2.00	-	1.86	-	2.11	-	-	-	-	3.88	-
1969	2.13	-	1.95	-	2.27	-	-	-	-	4.29	-
1970	2.30	-	2.14	-	2.45	-	-	-	2.86	4.55	-
1971	2.45	-	2.28	-	2.60	-	-	3.21	-	4.90	-
1972	2.68	-	2.53	-	2.81	-	-	3.55	-	5.21	-
1973	2.87	-	2.71	-	3.01	-	-	3.62	-	5.40	-
1974	3.08	-	2.91	-	3.22	-	-	3.91	-	6.12	-
1975	3.37	-	3.10	-	3.58	-	-	4.23	3.36	6.54	-
1976	3.67	-	3.35	-	3.91	-	-	4.40	3.55	6.97	-
1977	3.84	-	3.48	-	4.10	-	-	4.66	-	7.72	-
1978	4.20	-	3.92	-	4.38	-	-	5.09	-	8.05	-
1979	4.42	-	3.96	-	4.64	-	-	5.14	-	8.03	-
1980	5.01	-	4.52	-	5.20	-	-	5.85	-	8.97	-
1981	5.40	-	5.09	-	5.59	-	-	6.44	-	9.63	-
1982	5.79	-	5.52	-	5.94	-	-	6.82	-	10.21	-
1983	6.14	-	5.90	-	6.25	-	-	7.05	-	10.54	-
Northeast											
1967	2.04	-	1.82	-	2.20	-	-	-	-	3.42	-
1968	2.14	-	1.89	-	2.30	-	-	-	-	3.60	-
1969	2.28	-	2.01	-	2.47	-	-	-	-	3.80	-
1970	2.50	-	2.24	-	2.76	-	-	-	-	4.08	-
1971	2.70	-	2.39	-	2.98	-	-	-	-	4.40	-
1972	3.02	-	2.75	-	3.28	-	-	-	-	4.67	-
1973	3.27	-	3.01	-	3.54	-	-	-	-	5.08	-
1974	3.54	-	3.29	-	3.79	-	-	-	-	5.67	-
1975	4.00	-	3.59	-	4.29	-	-	-	-	6.17	-
1976	4.45	-	4.12	-	4.64	-	-	4.75	-	6.86	-
1977	4.70	-	4.40	-	4.86	-	-	4.85	-	7.37	-
1978	5.00	-	4.85	-	5.06	-	-	-	-	7.48	-
1979	5.25	-	5.06	-	5.30	-	-	-	-	8.00	-
1980	5.70	-	5.33	-	5.78	-	-	-	-	8.63	-
1981	6.09	-	6.16	-	6.07	-	-	-	-	9.11	-
1982	6.61	-	6.92	-	6.52	-	-	7.05	-	9.86	-
1983	7.20	-	7.52	-	7.12	-	-	7.30	-	10.46	-
South											
1967	1.40	-	1.32	-	1.46	-	-	-	-	-	-
1968	1.59	-	1.53	-	1.63	-	-	-	-	-	-
1969	1.72	-	1.67	-	1.76	-	-	-	-	-	-
1970	1.77	-	1.68	-	1.83	-	-	-	-	-	-
1971	1.91	-	1.80	-	1.96	-	-	-	-	-	-
1972	1.99	-	1.86	-	2.05	-	-	-	-	-	-
1973	2.10	-	1.95	-	2.17	-	-	-	-	-	-
1974	2.18	-	2.03	-	2.27	-	-	-	-	-	-
1975	2.45	-	2.38	-	2.51	-	-	-	-	-	-
1976	2.62	-	2.54	-	2.70	-	-	-	-	-	-
1977	2.70	-	2.60	-	2.82	-	-	-	-	-	-
1978	2.92	-	2.86	-	2.98	-	-	-	-	-	-

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Mainten-ance trades helpers	Electri-cians	Mechan-ics (motor vehicles)
FINANCE, INSURANCE, AND REAL ESTATE —Continued											
South —Continued											
1979	$3.22	–	$3.14	–	$3.28	–	–	–	–	–	–
1980	3.55	–	3.47	–	3.59	–	–	–	–	–	–
1981	3.92	–	3.84	–	4.01	–	–	–	–	–	–
1982	4.21	–	4.17	–	4.25	–	–	–	–	–	–
1983	4.35	–	4.36	–	4.34	–	–	–	–	–	–
North Central											
1967	1.94	–	1.82	–	2.11	–	–	–	–	$4.24	–
1968	2.06	–	1.97	–	2.23	–	–	–	–	4.56	–
1969	2.18	–	2.01	–	2.42	–	–	–	–	–	–
1970	2.33	–	2.20	–	2.50	–	–	–	–	–	–
1971	2.47	–	2.30	–	2.70	–	–	–	–	–	–
1972	2.61	–	2.46	–	2.81	–	–	–	–	–	–
1973	2.74	–	2.61	–	2.93	–	–	–	–	–	–
1974	3.10	–	2.87	–	3.34	–	–	–	–	–	–
1975	3.44	–	3.16	–	3.70	–	–	–	–	7.96	–
1976	3.75	–	3.48	–	3.98	–	–	–	–	8.20	–
1977	3.77	–	3.48	–	3.90	–	–	–	–	–	–
1978	4.13	–	3.96	–	4.22	–	–	–	–	–	–
1979	4.39	–	4.19	–	4.45	–	–	–	–	–	–
1980	5.18	–	4.83	–	5.33	–	–	–	–	–	–
1981	5.48	–	5.16	–	5.73	–	–	–	–	–	–
1982	5.70	–	5.42	–	5.91	–	–	–	–	–	–
1983	6.14	–	5.96	–	6.18	–	–	–	–	–	–
West											
1967	2.04	–	1.91	–	2.10	–	–	–	–	–	–
1968	2.11	–	2.06	–	2.13	–	–	–	–	–	–
1969	2.31	–	2.20	–	2.36	–	–	–	–	–	–
1970	2.41	–	–	–	2.45	–	–	–	–	–	–
1971	2.56	–	–	–	2.61	–	–	–	–	–	–
1972	2.78	–	–	–	2.80	–	–	–	–	–	–
1973	3.07	–	–	–	3.16	–	–	–	–	–	–
1974	3.54	–	–	–	3.51	–	–	–	–	–	–
1975	3.49	–	–	–	3.56	–	–	–	–	–	–
1976	3.85	–	–	–	4.00	–	–	–	–	–	–
1977	4.34	–	–	–	4.36	–	–	–	–	–	–
1978	4.18	–	–	–	4.07	–	–	–	–	–	–
1979	4.01	–	–	–	4.27	–	–	–	–	–	–
1980	4.35	–	–	–	4.60	–	–	–	–	–	–
1981	5.06	–	–	–	–	–	–	–	–	–	–
1982	5.54	–	–	–	–	–	–	–	–	–	–
1983	6.01	–	–	–	6.41	–	–	–	–	–	–
SELECTED SERVICES											
All metropolitan areas											
1967	1.76	–	1.73	–	1.77	–	$2.07	$2.64	$2.56	3.62	$3.22
1968	1.87	–	1.84	–	1.88	–	2.12	2.73	2.65	3.79	3.34
1969	2.00	–	1.95	–	2.02	–	2.25	2.97	2.83	4.08	3.71
1970	2.10	–	2.02	–	2.14	–	2.45	3.15	3.02	4.38	3.80
1971	2.18	–	2.10	–	2.22	–	2.71	3.35	3.23	4.73	4.06
1972	2.32	–	2.28	–	2.34	–	2.85	3.60	3.32	5.04	4.35
1973	2.42	–	2.38	–	2.44	–	2.89	3.83	3.46	5.21	4.65
1974	2.55	–	2.52	–	2.57	–	3.03	4.18	3.54	5.34	5.14
1975	2.89	$3.05	2.89	–	2.89	–	3.82	4.50	3.76	5.90	5.68

See footnotes at end of table.

Table 96. Average earnings[1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
SELECTED SERVICES —Continued											
All metropolitan areas —Continued											
1976	$3.19	$3.05	$3.22	-	$3.17	-	$3.66	$4.87	$4.10	$6.60	$6.07
1977	3.30	3.44	3.25	-	3.24	-	4.30	4.86	4.54	7.21	6.48
1978	3.50	-	3.45	-	3.49	-	4.23	5.35	5.08	7.77	6.92
1979	3.77	-	3.73	-	3.81	-	4.76	5.83	-	8.08	7.20
1980	4.06	-	4.02	-	4.10	-	4.57	6.53	5.23	8.90	7.81
1981	4.34	-	4.24	-	4.41	-	6.02	6.91	5.35	10.38	8.73
1982	4.51	-	4.39	-	4.58	-	5.66	7.22	6.08	11.02	9.41
1983	4.73	-	4.57	-	4.68	-	5.89	7.31	6.10	11.11	10.08
Northeast											
1967	1.89	-	1.85	-	1.91	-	-	2.65	-	3.21	3.38
1968	2.00	-	1.96	-	2.03	-	-	2.77	-	3.40	3.43
1969	2.17	-	2.14	-	2.19	-	-	2.98	-	3.68	3.89
1970	2.32	-	2.22	-	2.38	-	-	3.21	-	3.99	3.98
1971	2.45	-	2.36	-	2.50	-	-	3.42	-	4.23	4.14
1972	2.73	-	2.75	-	2.71	-	2.81	3.71	-	4.39	4.45
1973	2.90	-	2.97	-	2.85	-	-	4.03	-	4.68	4.80
1974	3.06	-	3.16	-	3.00	-	-	4.19	-	4.89	5.16
1975	3.54	-	3.64	-	3.48	-	-	4.31	-	5.34	-
1976	3.92	-	4.11	-	3.78	-	-	4.65	-	5.98	-
1977	4.05	-	4.20	-	3.85	-	-	4.90	-	6.47	6.75
1978	4.20	-	4.32	-	4.01	-	-	5.18	-	7.01	6.96
1979	4.48	-	4.60	-	4.41	-	-	5.86	-	7.43	-
1980	4.75	-	4.86	-	4.68	-	-	6.62	-	8.36	-
1981	4.86	-	4.91	-	4.86	-	-	7.10	-	9.55	-
1982	5.25	-	5.36	-	5.20	-	-	7.16	-	-	-
1983	5.58	-	5.72	-	5.54	-	-	7.62	-	-	-
South											
1967	1.36	-	1.37	-	1.36	-	-	2.19	-	-	2.71
1968	1.52	-	1.53	-	1.52	-	-	2.27	-	-	2.86
1969	1.63	-	1.62	-	1.64	-	-	2.50	-	-	3.04
1970	1.69	-	1.66	-	1.70	-	-	2.64	-	-	3.19
1971	1.72	-	1.69	-	1.74	-	-	2.83	-	-	-
1972	1.81	-	1.79	-	1.82	-	-	3.06	-	-	3.85
1973	1.84	-	1.80	-	1.87	-	-	3.26	-	-	4.13
1974	1.94	-	1.90	-	1.97	-	-	3.53	-	-	4.61
1975	2.23	-	2.19	-	2.26	-	-	3.79	-	-	5.24
1976	2.43	-	2.40	-	2.45	-	-	3.90	-	6.36	5.53
1977	2.47	-	2.44	-	2.50	-	-	4.12	-	6.94	5.71
1978	2.77	-	2.74	-	2.79	-	-	4.58	-	7.23	6.34
1979	3.01	-	2.97	-	3.03	-	-	5.20	-	6.97	6.99
1980	3.24	-	3.20	-	3.28	-	-	5.79	-	7.25	7.59
1981	3.52	-	3.49	-	3.55	-	-	5.95	-	-	8.60
1982	3.55	-	3.51	-	3.59	-	-	6.43	-	-	9.25
1983	3.60	-	3.53	-	3.66	-	-	6.65	-	-	9.58
North Central											
1967	1.70	-	1.68	-	1.72	-	2.07	2.84	-	-	3.34
1968	1.80	-	1.74	-	1.84	-	2.21	2.92	-	-	-
1969	1.93	-	1.85	-	1.97	-	2.27	3.20	-	-	-
1970	2.04	-	1.96	-	2.08	-	2.42	3.47	-	-	3.90
1971	2.15	-	2.09	-	2.19	-	2.71	3.68	-	-	-
1972	2.25	-	2.17	-	2.30	-	2.96	4.07	-	-	-
1973	2.32	-	2.25	-	2.36	-	3.15	4.43	-	-	5.67
1974	2.45	-	2.47	-	2.44	-	3.14	5.16	-	-	6.39
1975	2.77	-	2.80	-	2.75	-	-	5.53	-	-	6.71
1976	2.97	-	-	-	3.00	-	-	6.10	-	-	-

See footnotes at end of table.

Table 96. Average earnings [1] for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers		Women		Men						
	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck drivers	Maintenance trades helpers	Electricians	Mechanics (motor vehicles)
SELECTED SERVICES —Continued											
North Central —Continued											
1977	$3.18	-	-	-	-	-	-	$5.35	-	-	-
1978	3.46	-	$3.53	-	$3.37	-	-	6.27	-	-	-
1979	3.71	-	-	-	3.69	-	-	6.82	-	-	-
1980	4.05	-	4.18	-	3.98	-	-	7.11	-	-	-
1981	4.32	-	4.42	-	4.19	-	-	7.07	-	-	-
1982	4.47	-	4.53	-	4.38	-	-	7.65	-	-	-
1983	4.77	-	4.85	-	4.54	-	-	7.71	-	-	-
West											
1967	2.12	-	2.01	-	2.14	-	-	3.29	-	$3.93	-
1968	2.16	-	2.07	-	2.18	-	-	3.35	-	4.05	-
1969	2.30	-	2.16	-	2.33	-	-	3.49	-	4.37	-
1970	2.46	-	2.32	-	2.49	-	-	3.58	-	4.52	$4.20
1971	2.45	-	2.27	-	2.49	-	-	3.87	-	4.96	4.36
1972	2.57	-	2.34	-	2.64	-	-	4.04	-	5.23	-
1973	2.69	-	2.47	-	2.76	-	-	4.19	-	5.44	-
1974	2.84	-	2.55	-	2.93	-	-	4.46	-	-	-
1975	3.20	-	-	-	-	-	-	4.76	-	-	-
1976	3.59	-	-	-	3.57	-	-	5.24	-	-	-
1977	3.79	-	-	-	3.73	-	-	5.67	-	-	-
1978	4.06	-	3.90	-	4.11	-	-	5.93	-	8.53	-
1979	4.51	-	-	-	4.62	-	-	6.45	-	9.54	-
1980	4.88	-	4.96	-	4.90	-	-	7.74	-	-	-
1981	5.36	-	5.14	-	5.56	-	-	-	-	-	-
1982	5.68	-	5.30	-	5.81	-	-	-	-	-	-
1983	5.81	-	-	-	-	-	-	-	-	-	-

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[1] Earnings relate to hourly earnings excluding premium pay for overtime, weekend, holiday, or late-shift work, and wage supplements. Data are derived statistically combining average earnings from surveys conducted annually in selected Standard Metropolitan Statistical Areas (SMSA'S). Earnings for these and other occupations are available for the SMSA'S surveyed. Because the surveys are conducted at various times throughout the year, combined data relate to an average payroll month of reference. For 1975 and subsequent years, data relate to July (individual area data were combined on a calender year basis). Before 1975, data relate to February (individual area data were combined on a fiscal year-June through June-basis).

- Data not available.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
ALL INDUSTRIES												
All metropolitan areas												
1967	$84.50	$70.50	-	-	$82.00	$68.50	-	-	$101.50	$72.00	-	-
1968	88.50	75.50	-	-	86.00	73.00	-	-	106.50	77.00	-	-
1969	93.00	80.00	-	-	90.50	77.00	-	-	112.50	82.50	-	-
1970	99.00	86.00	-	-	96.50	82.00	-	-	119.50	88.50	-	-
1971	105.00	91.50	$189.50	$238.00	103.00	87.00	$182.50	$223.50	128.50	94.00	$191.00	$239.50
1972	111.00	96.50	198.50	251.00	108.50	93.00	189.50	238.50	134.50	99.00	201.00	253.00
1973	116.00	100.50	208.00	261.50	114.00	96.00	201.00	248.00	141.00	103.50	210.00	264.00
1974	122.50	107.50	219.50	275.00	120.50	103.00	211.50	266.00	148.00	110.50	221.50	276.50
1975	136.00	120.50	240.50	303.50	134.00	115.50	231.50	291.50	164.00	124.50	243.00	306.00
1976	146.00	129.50	256.50	323.50	143.00	124.00	245.50	309.50	176.50	132.50	259.50	325.00
1977	156.00	138.50	274.00	345.50	153.50	133.00	262.50	-	185.00	141.00	274.00	346.00
1978	166.00	145.00	292.00	369.00	163.50	140.00	279.00	-	-	147.50	292.50	370.50
1979	179.50	156.50	315.50	400.00	176.50	151.50	-	-	-	158.00	315.50	404.50
1980	-	170.50	345.50	438.00	-	166.00	-	-	-	170.00	347.00	440.00
1981	-	184.00	375.00	479.50	-	181.00	-	-	-	182.00	376.00	482.00
1982	-	199.00	406.50	518.00	-	196.50	-	-	-	195.50	-	516.50
1983	-	214.00	437.00	554.00	-	-	-	-	-	208.00	-	-
Northeast												
1967	84.00	70.50	-	-	81.00	69.00	-	-	98.50	71.00	-	-
1968	88.00	75.00	-	-	85.00	73.00	-	-	106.00	76.00	-	-
1969	93.00	80.00	-	-	90.[illegible]	77.50	-	-	111.50	81.50	-	-
1970	100.50	87.00	-	-	96.50	82.00	-	-	119.00	89.00	-	-
1971	107.50	93.50	195.00	245.00	103.50	89.50	189.00	232.00	128.00	95.50	197.00	247.00
1972	114.50	99.50	206.00	259.00	110.50	97.50	198.50	250.50	136.00	100.50	208.50	260.50
1973	120.00	104.00	216.00	272.00	116.50	101.00	213.50	260.00	143.00	105.00	216.50	274.00
1974	127.00	110.00	228.00	285.00	123.00	105.50	223.50	276.50	153.50	112.00	229.50	287.00
1975	138.50	122.50	245.00	315.50	134.50	115.00	237.00	306.00	169.50	126.50	248.00	317.00
1976	149.50	131.50	259.00	334.50	144.50	126.50	251.50	-	186.50	133.50	262.00	333.50
1977	160.50	140.00	276.00	357.00	156.00	137.00	-	-	193.50	141.00	272.00	352.00
1978	165.00	140.00	288.50	374.50	161.00	137.50	-	-	199.50	141.00	282.50	368.00
1979	175.00	149.00	308.50	396.00	171.00	146.00	-	-	212.50	150.00	303.00	392.00
1980	-	160.50	338.00	430.50	-	159.50	323.00	-	-	160.50	335.50	427.00
1981	-	176.00	372.50	474.50	-	176.00	-	-	-	176.00	-	470.00
1982	-	187.50	407.50	518.50	-	193.00	-	-	-	186.00	-	513.50
1983	-	201.00	436.00	549.50	-	212.00	-	-	-	198.00	-	-
South												
1967	81.00	66.50	-	-	79.00	64.00	-	-	98.50	68.00	-	-
1968	84.50	71.00	-	-	82.00	69.00	-	-	102.50	72.50	-	-
1969	88.50	76.00	-	-	86.00	73.00	-	-	109.00	78.00	-	-
1970	93.50	80.50	-	-	91.00	78.00	-	-	114.00	82.00	-	-
1971	98.50	85.50	178.00	227.50	96.50	82.00	167.50	-	123.50	87.50	181.00	229.00
1972	104.00	90.00	187.50	241.50	102.00	86.00	178.00	232.00	127.50	92.50	190.00	242.50
1973	109.50	95.00	196.00	253.00	107.50	91.50	185.50	246.00	134.00	97.00	199.00	254.00
1974	115.00	101.50	206.00	262.00	113.50	97.50	196.50	251.00	139.50	104.00	208.50	264.00
1975	130.50	116.00	225.50	289.50	128.50	113.00	212.50	281.00	156.00	118.50	229.00	291.50
1976	139.00	125.00	243.50	310.50	137.00	121.00	229.50	294.50	166.00	127.50	249.00	314.00
1977	148.00	134.00	261.50	334.00	146.00	131.00	251.00	323.00	177.00	136.50	264.50	336.50
1978	158.50	141.00	284.00	357.00	157.00	134.50	270.50	350.00	181.50	146.50	288.50	358.50
1979	172.00	153.50	302.50	380.50	169.50	143.00	291.50	-	-	161.00	306.50	384.50
1980	-	169.00	329.50	416.50	-	160.50	309.50	-	-	174.50	338.00	420.00
1981	-	176.50	358.50	463.50	-	171.00	345.00	-	-	179.00	364.50	469.00
1982	-	191.50	390.50	502.50	-	189.00	375.00	-	-	193.00	397.00	507.00
1983	-	203.50	433.50	545.00	-	204.00	414.00	526.00	-	202.00	442.00	551.50
North Central												
1967	84.50	71.50	-	-	82.50	69.00	-	-	105.00	74.00	-	-
1968	89.00	76.00	-	-	86.50	73.50	-	-	109.00	79.00	-	-

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
ALL INDUSTRIES —Continued												
North Central —Continued												
1969	$93.50	$81.00	–	–	$91.50	$78.00	–	–	$116.00	$85.00	–	–
1970	99.50	86.00	–	–	97.50	82.00	–	–	125.00	91.00	–	–
1971	106.50	91.00	$187.50	$235.50	104.50	87.00	$180.50	$218.00	135.00	96.50	$189.00	$237.00
1972	112.00	96.00	197.50	248.00	110.00	92.50	188.00	229.00	141.50	101.00	199.50	250.50
1973	117.00	99.50	206.50	258.50	115.50	95.00	196.00	239.50	145.50	105.50	209.00	261.00
1974	123.50	107.50	218.50	273.00	122.00	104.00	207.50	262.50	147.00	112.50	221.50	275.00
1975	137.00	120.50	243.00	302.00	135.50	117.00	234.50	290.00	167.00	125.00	245.50	304.00
1976	146.00	128.50	258.00	321.50	144.50	124.00	245.50	309.00	175.50	134.50	261.50	324.00
1977	156.00	138.00	276.50	346.00	154.00	132.00	265.50	325.50	181.00	142.50	278.50	349.50
1978	167.50	147.00	292.50	373.00	165.50	139.50	279.00	–	–	151.00	295.50	379.50
1979	183.00	160.00	322.50	415.00	179.50	153.50	–	–	–	–	326.50	425.50
1980	–	173.00	352.00	453.00	–	166.00	–	–	–	–	–	459.00
1981	–	190.00	382.50	488.00	–	–	–	–	–	–	–	493.00
1982	–	201.50	412.00	519.50	–	–	–	–	–	–	–	–
1983	–	221.50	433.00	550.50	–	–	–	–	–	–	–	–
West												
1967	91.50	76.00	–	–	90.00	73.50	–	–	107.50	78.00	–	–
1968	94.50	80.50	–	–	93.50	78.00	–	–	112.00	82.50	–	–
1969	98.00	83.50	–	–	97.00	79.50	–	–	117.50	86.50	–	–
1970	103.00	88.50	–	–	102.00	84.50	–	–	124.50	91.50	–	–
1971	110.00	94.00	195.50	237.00	109.50	89.50	190.00	–	127.50	97.00	197.00	239.50
1972	116.00	98.00	202.00	251.50	115.00	93.00	191.50	232.00	133.00	102.00	204.50	254.00
1973	121.00	103.00	214.50	262.00	120.00	96.50	209.50	245.50	143.00	107.50	216.00	264.50
1974	126.50	109.00	225.00	278.00	126.00	102.50	220.50	269.50	143.00	114.00	226.50	279.50
1975	142.00	123.00	254.50	302.50	139.50	–	–	–	–	130.00	255.00	309.50
1976	153.00	134.00	272.00	320.50	150.50	127.00	–	–	–	136.00	271.00	326.00
1977	166.50	142.50	288.00	339.00	162.50	132.50	–	–	–	144.50	285.50	342.00
1978	178.00	159.00	311.50	368.00	176.50	151.00	–	–	–	166.50	313.00	374.50
1979	196.50	171.50	333.00	402.50	192.50	163.50	–	–	–	180.50	332.50	410.50
1980	–	192.00	374.50	448.00	–	183.50	–	–	–	197.00	375.00	449.50
1981	–	204.50	396.50	493.00	–	200.00	–	–	–	209.00	–	–
1982	–	232.00	426.50	539.00	–	215.50	–	–	–	244.50	–	–
1983	–	250.50	454.50	574.00	–	–	–	–	–	–	–	–
MANUFACTURING												
All metropolitan areas												
1967	89.00	73.50	–	–	86.00	73.00	–	–	104.00	74.00	–	–
1968	92.50	78.50	–	–	90.00	77.50	–	–	108.00	78.50	–	–
1969	96.50	83.00	–	–	94.00	81.50	–	–	115.00	84.50	–	–
1970	102.00	88.50	–	–	100.00	86.50	–	–	120.00	90.00	–	–
1971	109.00	95.00	195.50	244.50	107.00	92.50	190.50	227.50	128.00	96.00	196.50	246.50
1972	115.00	100.50	202.50	257.50	112.50	99.00	190.00	247.00	135.50	101.50	205.00	259.00
1973	119.50	104.50	213.00	270.00	117.00	101.50	205.00	255.50	143.50	106.50	214.50	271.50
1974	126.00	112.00	225.00	282.00	123.50	109.50	216.50	273.50	154.00	113.50	227.00	283.00
1975	142.00	125.00	247.00	312.00	139.50	123.00	235.00	293.50	173.50	127.00	250.00	314.00
1976	151.00	134.00	263.50	330.50	149.00	130.50	253.50	306.50	182.00	136.00	266.00	333.50
1977	161.00	143.00	280.50	357.00	158.00	141.50	266.50	–	195.00	145.50	285.00	362.00
1978	172.50	152.50	301.50	380.50	169.50	149.00	288.00	–	213.00	154.50	306.00	386.50
1979	186.00	166.00	326.00	417.50	183.50	164.00	307.00	–	230.00	166.00	332.50	427.50
1980	–	181.00	359.00	453.50	–	179.50	339.00	–	–	180.50	365.50	460.00
1981	–	198.00	384.50	492.50	–	195.00	–	–	–	196.00	390.00	501.00
1982	–	213.00	416.50	527.00	–	211.00	–	–	–	209.50	421.00	–
1983	–	228.00	445.00	556.50	–	227.00	–	–	–	223.50	451.00	–
Northeast												
1967	86.50	71.50	–	–	84.00	71.50	–	–	102.00	71.50	–	–
1968	90.50	76.00	–	–	87.50	75.00	–	–	106.50	76.50	–	–
1969	94.50	81.00	–	–	92.00	79.50	–	–	112.50	82.00	–	–

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
MANUFACTURING —Continued												
Northeast —Continued												
1970	$101.50	$87.50	–	–	$99.00	$86.00	–	–	$116.50	$88.50	–	–
1971	109.50	94.50	$197.00	$243.00	106.50	91.00	$200.00	–	126.50	96.00	$196.50	$243.50
1972	117.00	101.00	207.50	261.00	114.00	99.50	198.50	–	136.00	102.00	209.00	259.00
1973	121.50	104.50	215.50	273.50	117.50	103.50	212.00	–	145.00	105.50	216.50	274.00
1974	129.00	111.00	226.00	283.00	124.50	109.00	218.00	–	160.50	112.00	227.50	282.00
1975	142.00	123.00	242.50	313.50	138.00	119.50	230.50	–	174.00	125.00	246.00	315.00
1976	153.50	132.00	258.00	328.50	149.00	127.50	253.50	$314.00	188.50	133.00	259.50	330.50
1977	162.50	141.00	274.50	362.50	157.00	138.00	272.00	–	207.00	142.00	275.00	367.50
1978	172.50	147.00	288.00	373.00	166.00	145.00	276.50	–	228.50	147.50	292.00	377.50
1979	182.50	156.50	308.50	398.00	176.00	155.00	297.50	–	245.50	157.50	312.50	407.00
1980	–	168.00	335.50	430.50	–	166.50	326.00	–	–	169.00	342.00	444.00
1981	–	185.00	362.00	469.50	–	181.50	347.00	–	–	187.50	371.50	478.50
1982	–	199.50	394.50	518.00	–	198.50	378.00	–	–	200.00	405.50	527.00
1983	–	217.00	426.00	539.00	–	220.50	408.50	–	–	215.00	433.00	547.50
South												
1967	85.50	70.50	–	–	81.50	68.50	–	–	103.00	71.50	–	–
1968	89.00	76.50	–	–	85.50	75.50	–	–	105.00	77.00	–	–
1969	91.50	81.50	–	–	88.50	81.00	–	–	112.00	81.50	–	–
1970	96.50	85.00	–	–	93.50	85.00	–	–	116.00	85.00	–	–
1971	102.00	90.50	186.00	235.00	99.00	91.00	–	–	124.00	90.50	189.00	236.50
1972	106.00	95.00	191.00	251.50	103.50	92.00	–	–	129.50	96.50	192.50	253.00
1973	112.00	100.00	203.00	257.50	109.00	96.50	–	–	140.50	102.00	204.00	259.00
1974	117.00	106.50	212.00	267.50	114.00	102.00	–	–	148.00	109.00	214.50	269.00
1975	135.00	119.00	233.00	303.00	133.00	116.00	216.50	–	172.50	121.50	238.00	305.50
1976	143.50	128.00	250.00	319.00	141.00	125.00	240.00	–	175.50	130.50	254.00	325.00
1977	152.00	137.50	265.50	340.00	150.00	–	249.00	–	182.00	–	272.00	342.00
1978	163.50	145.00	289.00	370.50	161.50	–	277.00	–	194.50	–	294.00	371.00
1979	174.00	160.50	307.00	394.50	172.50	157.50	293.00	381.00	197.00	160.50	312.50	396.00
1980	–	184.50	343.50	432.50	–	186.00	321.00	–	–	183.50	352.50	433.50
1981	–	198.00	370.00	475.50	–	197.50	352.50	–	–	191.50	375.00	482.50
1982	–	210.00	404.00	518.50	–	209.50	393.50	–	–	–	408.00	525.50
1983	–	217.50	437.00	548.50	–	–	418.50	–	–	–	448.00	550.50
North Central												
1967	89.50	74.50	–	–	87.00	73.50	–	–	106.50	75.00	–	–
1968	93.50	79.00	–	–	91.00	78.00	–	–	111.00	79.50	–	–
1969	97.50	83.50	–	–	95.50	81.50	–	–	118.00	85.50	–	–
1970	104.00	89.50	–	–	102.00	86.00	–	–	126.50	92.50	–	–
1971	111.50	96.00	192.50	250.50	109.50	94.00	183.50	–	134.50	98.50	194.50	252.00
1972	117.50	101.50	203.00	258.00	116.00	100.50	191.50	–	141.50	102.50	205.00	260.00
1973	121.50	104.00	212.50	269.00	120.00	101.00	201.00	–	146.00	107.00	215.00	270.50
1974	128.50	113.00	226.00	281.00	127.00	112.50	217.00	–	156.50	113.50	228.00	283.00
1975	145.50	128.00	250.50	311.50	143.50	128.50	244.00	–	175.50	127.50	252.00	313.50
1976	154.00	136.50	267.50	335.00	152.50	134.50	255.00	306.50	183.00	139.50	269.50	338.00
1977	163.50	146.00	285.50	361.50	161.50	144.00	265.50	322.00	190.50	148.50	291.00	366.50
1978	176.50	158.50	306.00	388.00	174.00	152.00	287.50	–	–	161.50	311.50	397.00
1979	194.50	175.00	335.00	438.00	191.50	171.00	311.50	–	–	177.00	342.50	451.00
1980	–	192.00	369.00	474.50	–	187.00	–	–	–	–	374.00	480.50
1981	–	213.00	401.50	513.50	–	–	–	–	–	–	–	519.00
1982	–	232.50	429.50	529.00	–	–	–	–	–	–	–	–
1983	–	244.50	451.00	561.00	–	–	–	–	–	–	–	–
West												
1967	95.50	81.00	–	–	94.50	80.50	–	–	105.50	81.00	–	–
1968	98.50	86.00	–	–	98.00	85.50	–	–	108.50	86.50	–	–
1969	102.50	89.00	–	–	101.00	85.50	–	–	119.50	91.00	–	–
1970	106.00	92.50	–	–	105.50	89.50	–	–	–	95.00	–	–
1971	113.50	97.50	204.00	240.50	113.00	94.50	–	–	–	99.50	205.00	243.00
1972	116.50	103.50	204.00	256.00	115.50	100.00	181.00	–	132.50	105.00	210.00	259.00

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
MANUFACTURING —Continued												
West —Continued												
1973	$121.00	$111.00	$220.00	$274.00	$120.50	-	-	-	$133.50	$112.50	$222.00	$276.50
1974	126.50	117.00	232.50	290.00	126.00	$110.00	-	-	141.00	121.50	234.50	291.50
1975	144.50	134.00	261.00	319.50	143.00	124.00	$247.50	-	-	143.50	266.00	322.50
1976	153.50	144.50	279.50	334.00	153.00	135.50	-	-	-	154.00	281.00	338.50
1977	168.50	154.00	296.00	357.50	167.00	143.50	-	-	-	165.50	302.00	362.50
1978	179.50	162.50	323.50	384.50	179.50	153.50	319.00	-	-	174.50	327.50	392.00
1979	196.00	176.00	345.50	415.00	195.50	170.50	327.50	-	-	184.00	353.00	423.50
1980	-	197.50	390.50	457.00	-	187.00	382.50	-	-	214.00	396.00	460.50
1981	-	210.50	401.50	495.50	-	213.00	-	-	-	211.50	-	-
1982	-	224.50	437.00	539.50	-	-	-	-	-	-	-	-
1983	-	233.50	469.00	573.00	-	-	-	-	-	229.00	-	577.50
NONMANUFACTURING												
All metropolitan areas												
1967	82.50	69.50	-	-	80.50	67.00	-	-	99.50	71.50	-	-
1968	86.50	74.00	-	-	84.00	71.00	-	-	105.50	76.00	-	-
1969	91.00	79.00	-	-	89.00	75.50	-	-	111.50	81.50	-	-
1970	97.00	84.50	-	-	95.00	80.50	-	-	119.50	87.50	-	-
1971	103.50	90.00	185.50	232.00	101.00	85.00	179.50	$222.00	128.50	93.50	188.00	233.50
1972	109.50	95.00	196.50	246.50	107.00	91.00	189.50	235.50	134.50	98.00	198.50	248.50
1973	114.50	99.00	205.50	256.00	112.50	94.50	199.00	245.50	140.00	102.50	207.50	258.00
1974	121.00	105.50	216.50	270.50	119.00	100.50	209.50	263.50	145.00	109.50	218.50	272.00
1975	134.00	119.00	237.50	298.00	131.50	113.00	229.50	290.50	160.00	124.00	239.50	300.00
1976	144.00	128.00	253.00	319.00	141.00	122.00	242.50	-	174.00	131.50	256.50	319.50
1977	154.50	136.50	271.00	339.00	151.50	130.50	-	-	-	139.50	268.50	336.00
1978	163.50	142.50	288.00	362.50	161.50	136.50	-	-	-	145.50	286.50	360.00
1979	177.00	153.50	310.50	390.00	173.50	146.50	-	-	-	155.50	307.50	389.50
1980	-	167.00	339.50	429.50	-	161.00	-	-	-	167.00	338.50	428.50
1981	-	179.50	371.00	473.00	-	175.50	-	-	-	178.50	370.00	472.00
1982	-	194.50	402.00	514.00	-	190.50	-	-	-	192.50	-	512.00
1983	-	209.50	434.00	552.50	-	-	-	-	-	203.50	-	-
Northeast												
1967	82.00	70.00	-	-	79.50	68.00	-	-	97.00	71.00	-	-
1968	87.00	74.50	-	-	83.50	72.00	-	-	105.50	76.00	-	-
1969	92.50	79.50	-	-	89.00	77.00	-	-	111.50	81.50	-	-
1970	100.00	87.00	-	-	96.50	83.00	-	-	120.00	89.00	-	-
1971	106.50	93.00	194.00	246.50	102.50	89.00	185.50	230.50	129.00	95.00	197.50	249.50
1972	113.00	98.50	205.50	258.00	109.00	96.50	198.50	242.50	135.50	100.00	208.00	261.50
1973	119.00	103.50	216.00	271.50	115.50	100.00	214.00	258.00	142.00	105.00	217.00	274.50
1974	126.50	109.50	229.00	286.50	122.00	104.50	225.50	273.00	151.00	112.50	230.50	290.00
1975	136.50	122.00	246.50	316.50	132.50	113.00	239.50	307.00	168.00	126.50	249.00	318.50
1976	148.00	131.50	259.50	337.50	143.00	126.00	251.00	-	185.50	134.00	263.00	336.00
1977	160.00	139.50	276.50	354.50	156.00	137.00	-	-	188.50	141.00	270.50	-
1978	162.00	137.00	288.50	375.50	159.00	133.50	-	-	187.00	138.50	278.50	363.50
1979	171.50	146.00	308.50	395.00	168.50	141.50	-	-	199.00	147.50	299.00	385.50
1980	-	157.00	339.00	430.50	-	156.00	-	-	-	157.50	332.50	419.50
1981	-	172.00	376.50	476.00	-	172.50	-	-	-	172.50	-	466.50
1982	-	183.00	411.50	518.50	-	189.00	-	-	-	181.50	-	508.50
1983	-	195.50	439.00	553.00	-	207.00	-	-	-	193.00	-	-
South												
1967	80.00	65.00	-	-	78.00	62.50	-	-	96.00	66.50	-	-
1968	83.50	69.50	-	-	81.50	67.00	-	-	101.00	71.50	-	-
1969	87.50	74.00	-	-	85.50	70.50	-	-	107.50	77.00	-	-
1970	92.50	79.00	-	-	90.50	75.50	-	-	113.00	81.50	-	-
1971	97.50	84.00	176.00	225.50	95.50	80.00	166.50	-	123.00	87.00	179.00	226.50
1972	103.00	89.00	186.50	238.50	101.50	85.00	177.50	233.00	126.50	91.50	189.50	239.50
1973	108.50	94.00	194.50	251.50	107.00	90.50	183.00	247.50	131.00	96.00	197.50	252.00

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
NONMANUFACTURING —Continued												
South —Continued												
1974	$115.00	$100.50	$204.00	$260.50	$113.50	$97.00	$196.00	$252.00	$136.00	$103.00	$206.50	$262.00
1975	129.00	115.50	223.50	283.50	127.00	112.00	211.50	281.00	151.00	118.00	226.50	284.00
1976	138.00	124.00	241.50	307.50	136.00	120.00	226.00	298.00	163.00	127.00	247.50	309.50
1977	147.00	133.00	260.50	331.50	145.00	129.50	252.00	321.50	175.50	135.50	263.00	334.00
1978	157.50	140.00	282.50	350.50	155.50	131.50	269.00	343.50	178.00	146.00	287.00	352.50
1979	171.00	152.50	301.50	375.00	168.00	141.00	291.00	-	-	161.00	305.50	379.50
1980	-	166.50	326.00	411.00	-	156.00	306.50	400.00	-	173.50	334.50	414.50
1981	-	173.00	355.50	459.50	-	166.00	342.50	-	-	177.00	362.00	464.50
1982	-	188.00	387.00	498.50	-	184.50	370.00	491.00	-	191.00	394.50	502.50
1983	-	201.50	432.50	543.50	-	200.50	413.00	526.50	-	200.00	440.50	552.00
North Central												
1967	81.50	69.50	-	-	79.50	66.50	-	-	103.00	73.50	-	-
1968	86.00	74.50	-	-	84.00	71.00	-	-	107.50	78.50	-	-
1969	91.00	80.00	-	-	89.00	76.00	-	-	115.00	84.50	-	-
1970	97.00	84.50	-	-	95.00	80.00	-	-	124.00	90.00	-	-
1971	103.50	89.00	182.50	220.00	101.00	84.00	178.00	-	135.50	96.00	184.00	221.00
1972	109.00	94.00	193.00	238.50	107.00	89.50	186.00	227.50	141.50	100.50	195.00	240.50
1973	114.50	97.50	201.50	248.00	112.50	93.00	193.00	235.00	145.00	105.00	204.00	251.00
1974	120.50	105.50	212.50	266.50	119.00	100.50	202.00	263.00	141.50	112.00	215.50	267.50
1975	132.50	117.50	238.00	293.50	131.50	113.00	230.00	290.50	161.50	123.50	241.00	294.00
1976	142.00	125.50	252.00	311.00	140.50	119.50	242.00	310.50	171.00	132.00	255.50	310.50
1977	152.50	134.50	270.00	334.00	150.50	127.50	265.00	326.50	-	140.00	268.50	333.50
1978	163.50	143.00	282.50	360.00	161.50	135.00	274.00	-	-	147.00	283.00	361.50
1979	177.00	154.00	313.50	393.00	173.50	146.00	-	-	-	-	-	396.50
1980	-	166.00	341.00	436.50	-	-	-	-	-	-	-	441.50
1981	-	181.00	370.50	468.50	-	171.50	-	-	-	177.00	-	471.50
1982	-	191.00	401.50	511.50	-	-	-	-	-	180.00	-	510.50
1983	-	211.00	424.50	543.50	-	-	-	-	-	-	-	-
West												
1967	89.50	73.50	-	-	88.00	70.50	-	-	108.50	76.50	-	-
1968	92.50	78.00	-	-	91.50	75.00	-	-	114.50	81.00	-	-
1969	96.50	81.00	-	-	95.00	77.50	-	-	117.00	83.50	-	-
1970	101.50	87.00	-	-	100.50	82.50	-	-	124.50	90.00	-	-
1971	109.50	92.00	190.00	232.50	108.00	87.50	185.50	-	128.00	96.00	191.00	234.00
1972	116.00	96.00	201.00	246.00	115.00	91.00	199.00	-	133.00	100.50	201.50	248.00
1973	121.00	100.00	212.00	249.00	119.50	94.50	208.00	-	148.00	105.50	212.50	251.50
1974	126.50	106.00	221.00	265.50	126.00	100.00	218.00	260.00	144.00	111.00	222.00	267.00
1975	141.00	120.50	250.50	291.00	138.50	-	-	-	-	-	249.00	-
1976	152.50	132.00	268.00	312.50	149.50	124.50	-	-	-	132.00	265.50	317.00
1977	165.50	140.00	284.50	328.50	161.00	129.50	-	-	-	140.50	-	329.00
1978	178.00	158.00	306.50	358.00	175.50	150.50	-	-	-	164.50	307.50	364.00
1979	196.50	170.00	327.00	396.50	191.00	161.00	-	-	-	179.50	322.00	-
1980	-	190.50	366.50	443.50	-	182.50	-	427.00	-	192.50	364.00	443.50
1981	-	203.50	393.50	491.50	-	197.50	-	-	-	-	-	-
1982	-	233.50	418.00	538.50	-	214.00	-	-	-	247.00	-	-
1983	-	254.50	446.50	574.50	-	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES												
All metropolitan areas												
1967	91.00	79.50	-	-	87.50	75.00	-	-	109.00	82.00	-	-
1968	94.00	83.50	-	-	90.50	78.00	-	-	114.50	87.50	-	-
1969	99.50	88.00	-	-	96.00	82.50	-	-	123.00	92.00	-	-
1970	105.50	93.00	-	-	102.00	87.50	-	-	127.50	97.50	-	-
1971	113.00	102.00	203.50	235.00	109.00	96.00	196.50	-	142.00	107.00	206.00	237.00
1972	125.00	112.00	219.50	254.50	121.50	109.00	214.50	245.00	152.00	115.00	221.00	256.50

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES —Continued												
All metropolitan areas —Continued												
1973	$137.00	$121.50	$230.50	$271.00	$133.50	$117.50	$228.00	$271.50	$163.50	$125.00	$231.50	$271.00
1974	147.00	131.50	244.00	292.50	144.00	128.50	237.50	290.50	167.50	133.50	246.00	293.00
1975	170.50	152.00	278.00	331.50	166.00	144.50	273.50	331.50	–	158.00	279.50	330.50
1976	186.00	172.00	302.00	363.00	180.50	165.00	294.00	360.00	–	174.50	305.00	362.50
1977	202.50	183.50	328.00	386.00	198.00	176.50	–	–	–	185.00	–	–
1978	213.50	187.50	347.00	413.00	210.50	–	–	–	–	–	–	–
1979	230.00	200.50	377.50	446.00	223.00	–	–	–	–	–	–	–
1980	–	221.50	411.50	482.00	–	–	–	–	–	–	–	–
1981	–	238.00	448.50	539.00	–	–	–	–	–	–	–	–
1982	–	258.00	487.50	591.00	–	–	–	–	–	–	–	–
1983	–	276.50	523.00	633.50	–	–	–	–	–	–	–	–
Northeast												
1967	91.00	79.50	–	–	86.50	73.00	–	–	112.00	82.00	–	–
1968	93.50	83.50	–	–	88.00	76.00	–	–	119.50	88.00	–	–
1969	99.50	87.50	–	–	93.50	82.50	–	–	127.50	91.00	–	–
1970	105.50	94.50	–	–	100.00	88.50	–	–	131.00	99.00	–	–
1971	112.00	107.00	210.50	244.00	105.50	100.50	–	–	144.50	112.00	215.50	249.50
1972	124.50	120.00	232.50	265.50	117.50	118.50	–	–	153.50	121.50	233.50	272.00
1973	138.00	129.50	243.50	291.50	132.00	127.50	–	–	166.00	131.00	247.00	293.00
1974	151.00	140.00	263.50	310.00	144.50	138.50	–	–	172.50	141.00	268.50	312.00
1975	180.50	159.00	297.50	353.50	173.00	146.50	–	–	202.50	154.50	298.50	353.50
1976	199.50	184.00	327.00	387.50	191.00	183.50	–	–	225.00	185.00	329.00	386.50
1977	216.00	198.00	358.50	415.50	211.00	205.00	–	–	235.50	193.00	–	–
1978	218.50	183.00	373.00	454.50	215.50	–	–	–	229.00	185.00	–	–
1979	236.50	200.50	407.50	473.50	231.50	–	–	–	252.50	203.00	–	–
1980	–	208.50	441.00	507.00	–	–	–	–	–	207.50	–	–
1981	–	222.50	481.50	568.50	–	–	–	–	–	217.50	–	–
1982	–	243.50	515.50	616.00	–	–	–	–	–	–	–	–
1983	–	257.50	560.50	671.00	–	–	–	–	–	–	–	–
South												
1967	88.00	74.50	–	–	86.00	70.00	–	–	102.50	77.00	–	–
1968	91.50	78.00	–	–	89.50	73.50	–	–	106.50	81.00	–	–
1969	98.00	83.00	–	–	95.00	–	–	–	115.00	87.00	–	–
1970	102.00	86.50	–	–	99.50	–	–	–	120.00	89.50	–	–
1971	110.00	93.00	201.50	216.50	107.00	–	–	–	132.00	96.00	–	–
1972	120.50	101.00	214.00	236.00	118.00	–	–	–	140.00	103.50	215.50	–
1973	131.00	110.50	221.00	–	128.50	107.00	–	–	150.00	113.00	221.50	–
1974	139.50	120.50	234.50	–	138.00	117.50	–	–	150.50	122.50	239.00	–
1975	161.00	139.00	261.00	297.50	159.50	135.50	–	–	–	142.50	262.50	–
1976	171.50	153.50	281.50	329.00	168.00	151.00	–	–	–	155.50	289.50	327.50
1977	189.50	162.50	308.00	347.00	187.00	154.50	–	–	–	170.50	314.00	346.50
1978	200.50	174.50	330.00	369.50	199.50	162.00	–	–	–	186.00	335.00	367.50
1979	215.50	185.00	362.50	414.00	211.50	166.00	–	–	–	201.50	369.00	410.50
1980	–	221.00	391.00	441.50	–	–	–	–	–	219.50	403.00	440.50
1981	–	225.50	425.50	527.50	–	–	–	–	–	–	433.50	525.50
1982	–	239.50	467.50	592.00	–	–	–	–	–	231.50	481.00	589.50
1983	–	255.00	507.50	621.50	–	–	–	–	–	–	–	618.00
North Central												
1967	91.50	84.00	–	–	88.00	78.50	–	–	109.00	89.50	–	–
1968	95.50	87.50	–	–	91.50	79.50	–	–	114.00	96.00	–	–
1969	100.50	92.50	–	–	97.50	85.50	–	–	122.50	100.00	–	–
1970	108.00	97.50	–	–	105.00	90.50	–	–	128.50	105.50	–	–
1971	117.00	105.00	197.50	231.50	112.50	97.00	–	–	149.50	114.50	199.00	233.00
1972	129.50	115.00	213.00	251.50	125.00	108.00	–	–	166.00	123.00	214.00	252.00
1973	139.00	125.00	224.50	261.50	135.00	118.00	–	–	176.00	133.50	224.50	261.50

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES —Continued												
North Central —Continued												
1974	$147.00	$136.00	$234.00	$290.00	$144.50	$131.50	-	-	$177.50	$141.50	$236.50	$290.00
1975	171.50	161.50	272.50	330.00	169.50	154.00	$263.00	-	191.00	168.00	276.00	330.00
1976	185.50	181.50	294.00	355.50	183.50	170.00	288.50	$349.00	204.00	186.50	296.50	358.50
1977	197.50	192.00	315.50	380.50	194.00	-	-	-	-	-	317.50	381.50
1978	218.00	203.50	334.00	411.50	213.50	-	-	-	-	-	330.50	-
1979	235.50	214.50	363.50	440.50	227.00	-	-	-	-	-	-	-
1980	-	228.50	401.00	472.50	-	-	-	-	-	-	-	-
1981	-	263.50	440.00	511.00	-	-	-	-	-	-	-	-
1982	-	285.50	481.00	566.50	-	-	-	-	-	-	-	-
1983	-	306.50	519.50	607.00	-	-	-	-	-	-	-	-
West												
1967	96.00	83.00	-	-	93.00	-	-	-	118.50	-	-	-
1968	97.50	86.50	-	-	95.00	-	-	-	-	-	-	-
1969	101.50	89.50	-	-	99.00	-	-	-	-	-	-	-
1970	107.50	93.00	-	-	105.50	-	-	-	-	-	-	-
1971	117.00	99.50	204.50	-	115.00	-	-	-	-	-	-	-
1972	129.00	111.00	222.00	-	127.50	-	-	-	-	-	-	-
1973	143.50	116.50	-	-	142.00	-	-	-	-	-	-	-
1974	154.50	124.00	245.50	-	153.50	-	-	-	-	-	-	-
1975	170.50	149.50	-	323.00	164.00	-	-	-	-	-	-	-
1976	192.50	166.50	-	355.50	185.00	-	-	-	-	-	-	-
1977	215.50	177.00	-	379.00	-	-	-	-	-	-	-	-
1978	234.00	185.00	346.50	-	-	-	-	-	-	-	-	-
1979	253.00	194.00	378.00	435.00	-	-	-	-	-	-	-	-
1980	-	230.50	413.00	492.50	-	-	-	-	-	-	-	479.00
1981	-	-	-	545.00	-	-	-	-	-	-	-	-
1982	-	-	476.50	602.50	-	-	-	-	-	-	-	-
1983	-	287.50	495.00	637.50	-	-	-	-	-	-	-	-
WHOLESALE TRADE												
All metropolitan areas												
1967	87.50	69.50	-	-	83.50	67.50	-	-	103.00	71.00	-	-
1968	92.00	75.00	-	-	87.50	72.50	-	-	107.50	77.00	-	-
1969	96.50	79.00	-	-	93.00	76.00	-	-	113.50	81.50	-	-
1970	102.50	86.00	-	-	99.00	81.00	-	-	123.00	89.50	-	-
1971	109.00	91.00	182.00	230.50	106.00	85.50	-	-	132.50	96.00	186.00	231.00
1972	114.00	98.00	196.50	253.00	110.50	93.00	179.00	-	137.50	102.00	200.50	255.00
1973	117.00	102.00	204.00	267.50	114.00	95.50	192.00	-	140.00	107.00	206.50	269.00
1974	122.00	108.50	215.00	271.50	120.00	101.50	-	-	141.00	114.50	216.50	274.50
1975	134.00	123.50	232.50	287.50	132.50	118.00	210.00	-	151.00	127.50	239.00	293.50
1976	144.00	133.00	249.50	310.50	142.50	129.50	226.00	-	164.50	136.50	257.50	313.00
1977	151.50	142.00	269.00	333.00	150.00	138.00	259.00	-	173.00	146.00	270.50	336.50
1978	162.00	152.00	283.00	354.50	161.50	149.00	264.50	329.50	176.50	156.50	288.50	362.00
1979	174.50	164.00	303.00	395.50	173.50	159.50	290.00	363.50	200.50	172.00	309.00	403.00
1980	-	172.50	353.00	437.00	-	170.00	336.00	397.50	-	180.00	358.00	449.50
1981	-	183.50	385.00	474.50	-	181.00	370.50	453.00	-	181.50	390.00	483.00
1982	-	198.00	415.00	499.00	-	193.00	407.50	489.00	-	194.00	417.50	501.00
1983	-	215.00	430.00	543.50	-	217.00	424.00	537.50	-	194.50	432.50	545.00
Northeast												
1967	85.00	70.50	-	-	80.00	-	-	-	100.00	70.50	-	-
1968	90.00	74.00	-	-	85.00	-	-	-	106.50	75.00	-	-
1969	95.50	79.50	-	-	90.00	-	-	-	112.00	80.50	-	-
1970	105.50	90.50	-	-	101.00	-	-	-	122.00	91.50	-	-
1971	111.00	96.00	187.50	-	107.00	-	-	-	133.00	97.50	205.00	-
1972	117.00	102.50	203.00	-	112.50	-	-	-	139.00	104.50	219.00	-

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967–83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
WHOLESALE TRADE —Continued												
Northeast —Continued												
1973	$119.50	$107.50	$216.00	–	$115.50	–	–	–	$141.00	$109.50	$222.00	–
1974	125.50	114.50	227.00	–	122.00	–	–	–	146.00	117.00	232.50	–
1975	128.00	123.50	245.50	–	126.50	–	–	–	153.00	125.00	263.50	–
1976	141.50	133.00	264.50	–	139.00	–	–	–	173.00	135.00	273.00	–
1977	149.50	140.00	279.50	–	148.00	–	–	–	167.50	141.50	285.50	
1978	159.50	142.00	270.50	–	159.00	–	–	–	–	–	–	–
1979	166.50	151.50	288.00	–	166.00	–	–	–	–	–	307.50	–
1980	–	–	331.00	–	–	–	–	–	–	–	–	–
1981	–	–	379.00	$467.00	–	–	–	–	–	–	385.00	–
1982	–	–	411.50	–	–	–	–	–	–	–	428.50	–
1983	–	–	417.00	505.50	–	–	–	–	–	–	429.50	–
South												
1967	88.50	66.50	–	–	85.00	$65.00	–	–	101.00	68.00	–	–
1968	92.00	72.50	–	–	88.00	–	–	–	104.50	74.50	–	–
1969	95.00	77.50	–	–	91.50	–	–	–	108.50	80.00	–	–
1970	99.50	81.50	–	–	96.50	–	–	–	116.00	83.50	–	–
1971	103.00	86.50	170.50	–	100.50	–	–	–	123.50	91.00	–	–
1972	107.50	93.00	180.00	–	104.50	89.50	–	–	128.00	95.50	184.00	–
1973	109.00	95.00	186.50	–	107.00	–	–	–	128.00	97.00	190.00	–
1974	113.50	104.00	198.00	–	112.00	–	–	–	131.50	106.00	200.50	–
1975	132.50	124.50	218.00	290.50	131.50	–	–	–	147.50	132.00	228.50	$295.00
1976	141.50	134.00	234.00	301.00	140.00	–	–	–	162.50	–	248.50	304.50
1977	149.00	141.00	250.50	323.50	147.50	–	–	–	169.50	–	252.50	327.00
1978	156.50	152.00	277.50	–	156.00	–	–	–	169.00	–	281.00	–
1979	171.00	165.00	306.50	–	169.50	–	–	–	–	–	309.50	–
1980	–	171.50	374.00	–	–	162.50	–	–	–	–	378.50	–
1981	–	178.50	393.50	464.00	–	–	–	–	–	–	401.50	–
1982	–	–	437.00	512.00	–	–	–	–	–	–	440.50	521.50
1983	–	–	461.50	563.00	–	–	–	–	–	–	463.50	572.00
North Central												
1967	86.00	68.50	–	–	82.00	67.00	–	–	106.50	71.50	–	–
1968	91.00	75.00	–	–	86.00	73.00	–	–	110.50	79.00	–	–
1969	96.00	78.50	–	–	92.00	76.00	–	–	121.00	83.50	–	–
1970	102.00	84.00	–	–	97.50	80.00	–	–	131.00	89.00	–	–
1971	109.00	88.50	183.00	–	105.50	83.50	–	–	139.00	–	181.50	–
1972	114.50	98.00	207.50	269.50	111.00	92.50	–	–	142.50	–	208.50	271.50
1973	118.00	100.50	211.50	283.00	115.50	94.00	–	–	141.00	–	211.50	286.50
1974	123.00	106.50	222.00	276.00	121.50	101.00	–	–	138.50	–	220.50	–
1975	138.50	123.50	232.50	276.00	137.00	117.50	–	–	157.00	–	230.50	280.00
1976	148.00	131.50	246.50	310.00	146.50	128.50	–	–	178.00	–	250.50	310.50
1977	151.50	143.00	272.00	337.50	149.50	137.00	–	–	192.50	–	271.50	345.50
1978	162.50	152.50	291.50	356.00	162.00	145.00	–	–	–	–	294.50	373.50
1979	174.00	164.50	312.50	417.00	173.50	159.00	–	–	–	–	320.00	436.00
1980	–	168.50	344.00	448.50	–	165.50	–	–	–	–	345.50	465.00
1981	–	189.00	374.50	471.50	–	–	–	–	–	–	380.00	481.00
1982	–	204.00	396.00	490.00	–	–	–	–	–	–	390.00	497.00
1983	–	220.00	404.50	540.00	–	–	–	–	–	–	398.50	542.50
West												
1967	92.00	75.50	–	–	90.50	–	–	–	–	–	–	–
1968	97.50	79.50	–	–	95.50	–	–	–	–	–	–	–
1969	103.00	81.50	–	–	101.00	–	–	–	–	–	–	–
1970	104.50	87.50	–	–	103.50	–	–	–	–	–	–	–
1971	116.00	91.50	184.00	–	114.50	–	–	–	–	–	–	–
1972	118.50	97.50	–	–	117.00	–	–	–	–	–	–	–
1973	126.00	105.50	205.00	–	123.00	–	–	–	–	–	–	–
1974	129.00	108.00	–	–	127.50	–	–	–	–	–	–	–
1975	137.00	121.00	232.50	–	136.50	–	–	–	–	–	–	–

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
WHOLESALE TRADE —Continued												
West —Continued												
1976	$146.00	–	$260.00	–	$146.00	–	–	–	–	–	–	–
1977	159.00	–	276.00	–	158.50	–	–	–	–	–	$276.50	–
1978	169.50	–	286.00	–	169.00	–	–	–	–	–	–	–
1979	186.00	–	300.00	–	183.50	–	–	–	–	–	–	–
1980	–	–	–	–	–	–	–	–	–	–	–	–
1981	–	–	–	–	–	–	–	–	–	–	–	–
1982	–	–	–	–	–	–	–	–	–	–	–	–
1983	–	–	435.00	$566.00	–	–	–	–	–	–	–	–
RETAIL TRADE												
All metropolitan areas												
1967	75.50	$65.50	–	–	75.50	$64.50	–	–	$84.50	$67.00	–	–
1968	80.50	71.50	–	–	80.00	71.00	–	–	90.50	73.50	–	–
1969	85.00	76.00	–	–	84.50	74.50	–	–	96.00	78.50	–	–
1970	90.50	82.00	–	–	90.00	79.50	–	–	99.50	85.00	–	–
1971	95.50	87.50	186.00	228.50	95.50	86.50	–	–	103.50	89.00	187.00	$228.00
1972	100.50	92.00	193.50	241.50	100.50	91.00	–	–	111.50	94.00	195.00	241.50
1973	105.00	96.00	203.00	252.50	104.50	95.00	–	–	114.50	97.00	203.50	253.50
1974	110.00	101.50	218.00	262.50	109.50	101.50	–	–	123.50	101.50	218.00	262.50
1975	121.50	115.00	241.00	307.50	121.00	113.50	–	–	129.00	117.50	240.00	307.50
1976	129.50	123.50	256.50	318.00	129.00	122.00	–	–	136.00	124.50	255.00	321.00
1977	140.00	133.00	268.00	326.00	139.00	129.00	–	–	–	135.00	266.00	331.00
1978	151.00	143.50	285.00	344.50	151.00	142.00	–	–	160.00	146.00	285.50	343.00
1979	163.00	152.50	309.50	366.50	160.00	–	–	–	–	–	–	–
1980	–	169.50	333.50	407.00	–	–	–	–	–	–	–	–
1981	–	183.50	364.50	439.50	–	–	–	–	–	–	–	–
1982	–	201.50	380.00	477.50	–	–	–	–	–	–	–	480.50
1983	–	211.00	407.50	509.50	–	202.00	–	–	–	–	–	–
Northeast												
1967	75.00	64.50	–	–	74.50	64.50	–	–	–	65.00	–	–
1968	79.50	70.50	–	–	79.00	69.50	–	–	–	–	–	–
1969	84.00	75.50	–	–	83.00	74.50	–	–	–	77.00	–	–
1970	90.50	82.50	–	–	90.00	–	–	–	99.50	84.50	–	–
1971	95.00	86.00	–	–	94.50	–	–	–	–	–	–	–
1972	100.50	91.00	191.50	–	100.00	–	–	–	–	–	–	–
1973	105.00	95.50	200.00	–	104.50	–	–	–	–	–	–	–
1974	107.00	99.00	221.00	–	106.50	–	–	–	–	–	219.50	–
1975	116.50	113.00	235.00	–	116.50	–	–	–	–	–	–	–
1976	122.50	–	–	–	122.00	–	–	–	–	–	–	–
1977	127.00	–	–	–	126.50	–	–	–	–	–	–	–
1978	138.50	–	–	–	138.00	–	–	–	–	–	–	–
1979	147.50	–	–	–	146.00	–	–	–	–	–	–	–
1980	–	–	–	–	–	–	–	–	–	–	–	–
1981	–	181.50	330.50	–	–	–	–	–	–	–	–	–
1982	–	–	362.50	–	–	–	–	–	–	–	366.50	–
1983	–	202.50	385.00	481.00	–	–	–	–	–	–	–	–
South												
1967	72.50	63.00	–	–	72.00	62.50	–	–	–	–	–	–
1968	76.00	68.50	–	–	76.00	68.00	–	–	–	–	–	–
1969	80.00	73.00	–	–	80.00	–	–	–	–	–	–	–
1970	85.00	76.50	–	–	84.50	–	–	–	–	–	–	–
1971	90.00	83.00	–	–	90.00	–	–	–	–	–	–	–
1972	96.50	86.50	–	–	96.50	–	–	–	–	–	–	–
1973	100.50	90.00	191.00	–	100.50	–	–	–	–	–	–	–
1974	108.50	99.00	204.00	–	108.00	–	–	–	–	–	–	–
1975	120.00	118.50	–	–	119.50	–	–	–	130.00	–	–	–
1976	126.50	121.50	248.00	–	126.50	–	–	–	–	–	247.00	–

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967–83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
RETAIL TRADE —Continued												
South —Continued												
1977	$133.00	$130.00	$255.50	–	$132.50	–	–	–	$137.00	–	$258.00	–
1978	144.00	139.00	273.00	–	144.00	–	–	–	148.00	–	–	–
1979	156.50	150.00	300.50	–	153.00	–	–	–	–	–	303.00	–
1980	–	162.00	315.50	–	–	–	–	–	–	–	324.00	–
1981	–	178.00	358.00	–	–	–	–	–	–	–	361.00	–
1982	–	–	392.50	$506.00	–	–	–	–	–	–	–	–
1983	–	–	428.00	508.00	–	–	–	–	–	–	440.00	–
North Central												
1967	75.00	65.50	–	–	75.00	$63.50	–	–	–	–	–	–
1968	80.00	71.50	–	–	80.00	69.00	–	–	–	–	–	–
1969	85.50	77.00	–	–	85.50	74.00	–	–	–	–	–	–
1970	91.00	82.50	–	–	91.00	79.00	–	–	–	–	–	–
1971	96.50	89.00	–	–	96.00	–	–	–	–	–	–	–
1972	99.00	94.50	–	–	99.00	91.50	–	–	–	–	–	–
1973	105.50	97.00	218.50	–	105.00	95.00	–	–	–	–	–	–
1974	110.00	102.00	228.00	–	110.00	100.50	–	–	–	–	231.50	–
1975	119.00	112.50	249.00	–	119.00	111.00	–	–	–	–	247.00	–
1976	128.50	120.50	270.00	–	128.00	121.50	–	–	–	–	268.00	–
1977	142.00	124.00	275.50	–	141.50	–	–	–	151.00	–	271.00	–
1978	151.00	138.00	285.50	361.00	150.50	138.50	–	–	–	–	280.00	–
1979	162.00	148.50	313.50	380.50	158.00	–	–	–	–	–	–	–
1980	–	162.00	341.00	403.50	–	–	–	–	–	–	–	–
1981	–	175.00	379.50	432.00	–	–	–	–	–	–	–	–
1982	–	–	373.00	463.50	–	–	–	–	–	–	–	–
1983	–	–	395.50	491.00	–	–	–	–	–	–	–	–
West												
1967	84.50	–	–	–	84.50	–	–	–	–	–	–	–
1968	89.50	–	–	–	89.00	–	–	–	–	–	–	–
1969	93.00	–	–	–	93.00	–	–	–	–	–	–	–
1970	99.00	–	–	–	99.00	–	–	–	–	–	–	–
1971	104.00	–	–	–	104.00	–	–	–	–	–	–	–
1972	110.00	–	–	–	110.00	–	–	–	–	–	–	–
1973	112.00	–	–	–	112.00	–	–	–	–	–	–	–
1974	116.00	–	–	–	116.00	–	–	–	–	–	–	–
1975	134.00	–	–	–	134.00	–	–	–	–	–	–	–
1976	145.50	–	–	–	144.50	–	–	–	–	–	–	–
1977	162.00	–	–	–	159.00	–	–	–	–	–	–	–
1978	175.00	–	–	–	175.50	–	–	–	175.50	–	–	–
1979	193.00	–	–	–	194.00	–	–	–	–	–	–	–
1980	–	–	–	–	–	–	–	–	–	–	–	–
1981	–	–	–	–	–	–	–	–	–	–	–	–
1982	–	–	–	–	–	–	–	–	–	–	–	–
1983	–	–	–	–	–	–	–	–	–	–	–	–
FINANCE, INSURANCE, AND REAL ESTATE												
All metropolitan areas												
1967	75.50	65.50	–	–	74.50	64.00	–	–	85.00	$67.00	–	–
1968	80.50	70.50	–	–	79.50	68.50	–	–	92.00	72.50	–	–
1969	85.50	75.50	–	–	84.50	73.00	–	–	98.00	78.00	–	–
1970	91.00	81.00	–	–	89.50	77.50	–	–	109.50	84.00	–	–
1971	96.00	85.00	179.50	224.00	94.50	80.50	$175.00	$221.50	115.00	88.00	181.00	$225.00
1972	100.00	88.50	188.00	237.50	98.50	84.50	184.00	230.50	115.50	92.00	189.00	239.00
1973	104.00	92.00	195.50	240.50	102.50	87.50	190.50	233.00	120.00	95.50	197.00	242.50
1974	110.00	98.00	206.50	259.00	109.00	92.50	199.00	254.00	124.50	102.00	209.00	260.50
1975	123.00	109.00	227.00	289.00	121.50	103.00	220.50	–	144.00	114.00	229.00	292.50
1976	131.00	115.50	238.50	307.00	129.50	109.50	229.50	–	151.00	121.00	242.00	306.50

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
FINANCE, INSURANCE, AND REAL ESTATE —Continued												
All metropolitan areas —Continued												
1977	$140.50	$123.00	$257.00	$325.50	$139.00	$116.50	$248.50	-	$157.50	$128.00	$259.00	$324.00
1978	148.50	130.50	272.00	352.00	148.00	125.00	263.00	-	-	135.00	274.50	352.00
1979	160.50	141.00	292.50	374.00	160.00	137.00	284.00	-	-	144.50	295.00	375.50
1980	-	154.00	321.50	411.50	-	150.50	311.50	-	-	158.00	325.00	413.50
1981	-	167.00	354.00	453.50	-	164.00	-	-	-	169.50	358.50	-
1982	-	179.00	391.00	499.50	-	179.50	-	-	-	179.00	-	-
1983	-	189.50	417.00	534.50	-	-	-	-	-	186.00	421.00	-
Northeast												
1967	77.00	68.00	-	-	75.50	67.00	-	-	84.00	68.50	-	-
1968	83.50	73.00	-	-	81.50	71.50	-	-	94.00	74.00	-	-
1969	90.00	78.00	-	-	88.00	76.00	-	-	99.50	80.00	-	-
1970	98.50	83.50	-	-	95.00	81.50	-	-	113.50	85.50	-	-
1971	102.50	88.00	191.50	243.50	99.00	85.00	188.50	-	117.50	89.50	193.00	246.00
1972	105.00	93.00	200.50	254.00	102.50	90.50	199.50	$241.00	119.00	94.50	201.50	258.00
1973	109.50	97.00	208.50	256.50	106.50	92.50	211.50	248.00	124.00	99.50	207.50	259.00
1974	115.50	102.00	220.00	277.00	112.50	96.50	219.00	264.00	129.50	105.50	220.50	281.50
1975	130.50	114.50	234.00	303.50	127.00	106.00	231.00	293.00	149.00	120.50	235.00	306.00
1976	137.50	121.50	244.00	325.50	134.00	112.50	237.00	-	157.00	126.50	246.50	321.50
1977	148.00	128.50	260.50	340.50	146.00	119.00	250.50	-	160.50	134.00	263.50	335.00
1978	152.00	130.50	270.50	365.50	151.50	126.00	265.50	-	157.00	133.00	271.50	361.50
1979	163.50	138.50	289.50	381.50	163.50	131.50	289.00	-	164.00	141.00	289.00	378.50
1980	-	151.00	322.00	415.00	-	146.00	316.50	-	-	153.50	324.50	412.00
1981	-	165.00	360.00	453.00	-	161.50	-	-	-	166.50	-	448.50
1982	-	174.50	400.50	506.50	-	176.00	-	-	-	174.00	-	507.00
1983	-	184.50	428.50	538.50	-	188.00	-	-	-	184.00	-	539.50
South												
1967	71.00	60.00	-	-	70.50	57.50	-	-	79.00	61.50	-	-
1968	75.00	65.00	-	-	74.50	63.00	-	-	85.50	66.50	-	-
1969	80.00	69.50	-	-	79.50	67.00	-	-	92.50	71.50	-	-
1970	85.50	74.50	-	-	85.00	71.00	-	-	99.00	77.00	-	-
1971	89.50	78.50	163.00	211.50	88.50	75.00	155.00	-	112.50	81.50	166.00	211.00
1972	94.00	82.50	175.00	225.00	93.00	77.50	165.00	-	-	85.50	178.50	225.50
1973	99.00	87.00	184.50	228.00	98.00	83.50	171.50	-	116.50	89.00	189.00	229.50
1974	105.00	91.50	193.00	245.00	104.50	88.50	182.00	-	122.50	93.50	197.00	246.50
1975	117.50	103.50	215.00	275.00	116.50	100.50	204.50	-	140.50	105.50	218.00	274.00
1976	126.50	110.00	227.00	294.50	125.50	105.50	217.50	-	143.00	113.50	231.00	296.00
1977	135.00	118.00	248.00	312.50	134.00	116.00	240.50	304.00	-	119.50	250.00	314.50
1978	144.00	124.00	266.50	345.00	143.00	114.50	258.00	-	-	131.00	270.50	346.00
1979	155.50	137.50	279.50	367.00	155.00	128.00	271.50	357.00	-	147.00	284.00	369.50
1980	-	150.00	308.50	401.00	-	143.00	295.50	-	-	157.50	313.50	405.50
1981	-	157.50	343.50	448.00	-	153.00	337.00	-	-	162.00	348.00	459.00
1982	-	168.50	370.50	490.00	-	166.50	359.00	-	-	170.50	376.00	503.00
1983	-	178.50	393.00	525.50	-	179.00	385.00	508.50	-	178.00	398.00	535.50
North Central												
1967	75.00	65.50	-	-	74.50	63.50	-	-	87.00	67.50	-	-
1968	80.00	70.50	-	-	79.50	68.50	-	-	91.50	73.50	-	-
1969	85.50	76.00	-	-	85.00	73.00	-	-	98.00	80.00	-	-
1970	90.00	80.50	-	-	89.00	76.50	-	-	-	85.00	-	-
1971	95.50	84.00	175.50	208.50	95.50	79.50	170.50	-	-	90.00	177.50	209.00
1972	99.50	86.50	180.50	222.50	99.50	83.00	174.50	-	-	92.00	182.50	224.00
1973	104.00	88.50	185.50	229.00	103.50	85.50	176.00	-	-	94.00	189.00	231.00
1974	110.00	97.00	198.50	252.50	110.00	92.00	186.50	251.00	112.00	103.50	202.00	253.00
1975	122.00	105.50	225.00	279.50	122.00	101.50	216.00	-	-	110.50	228.50	282.50
1976	130.50	110.50	236.00	291.00	130.00	107.00	228.50	285.50	-	116.00	239.50	292.50
1977	139.50	119.00	254.00	318.50	139.00	115.00	251.00	308.50	149.00	123.00	253.50	321.50
1978	146.50	126.00	266.00	343.00	147.00	123.50	261.50	338.50	-	130.00	266.00	344.50

See footnotes at end of table.

Table 97. Average earnings[1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967–83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B[2]	Messengers	Computer programers, class B[3]	Systems analysts, class B[3]	Accounting clerks, class B[2]	Messengers	Computer programers, class B[3]	Systems analysts, class B[3]	Accounting clerks, class B[2]	Messengers	Computer programers, class B[3]	Systems analysts, class B[3]
FINANCE, INSURANCE, AND REAL ESTATE —Continued												
North Central —Continued												
1979	$159.50	$137.50	$296.50	$368.50	$159.50	$135.00	$286.50	$361.00	–	$140.50	$300.00	$370.50
1980	–	148.50	322.00	406.50	–	145.50	313.00	388.50	–	152.50	321.50	413.00
1981	–	162.50	351.00	446.00	–	157.00	339.00	430.00	–	169.00	358.00	453.00
1982	–	171.50	388.00	479.50	–	166.50	–	459.50	–	179.00	388.50	487.00
1983	–	180.50	410.50	515.50	–	174.00	403.00	–	–	189.50	416.50	520.50
West												
1967	82.00	68.50	–	–	81.00	64.50	–	–	–	72.00	–	–
1968	86.00	73.00	–	–	85.50	68.00	–	–	–	76.50	–	–
1969	89.00	77.00	–	–	88.50	73.50	–	–	–	80.00	–	–
1970	93.00	84.50	–	–	92.50	79.50	–	–	–	88.00	–	–
1971	100.50	88.00	183.00	215.00	100.00	80.50	–	–	–	92.50	185.50	215.00
1972	105.00	91.00	191.00	226.50	104.50	82.50	–	–	–	96.50	191.50	227.50
1973	108.50	94.50	199.50	236.50	108.00	87.50	–	–	–	100.00	200.00	239.50
1974	114.50	101.50	214.50	246.50	114.50	93.00	–	–	–	107.00	217.50	247.00
1975	125.00	111.00	243.50	279.50	124.50	–	–	–	–	–	241.00	–
1976	132.00	119.50	254.00	298.00	131.50	115.00	–	–	–	124.00	257.00	–
1977	140.00	125.50	272.00	312.50	139.50	116.50	–	–	–	132.00	278.00	310.50
1978	154.00	145.50	300.00	334.00	153.50	–	–	–	–	–	308.50	341.50
1979	169.00	157.50	316.50	367.00	168.50	156.00	–	–	–	161.50	320.00	–
1980	–	173.50	348.50	428.00	–	171.50	–	–	–	177.00	353.50	433.50
1981	–	189.50	361.00	475.50	–	187.50	–	–	–	195.50	–	–
1982	–	210.50	397.50	522.00	–	210.00	–	–	–	213.00	–	–
1983	–	228.00	430.00	563.00	–	–	–	–	–	–	–	–
SELECTED SERVICES												
All metropolitan areas												
1967	83.00	70.50	–	–	82.50	69.00	–	–	$86.50	71.00	–	–
1968	87.00	74.50	–	–	86.50	73.50	–	–	94.00	74.50	–	–
1969	91.50	79.50	–	–	91.00	77.00	–	–	97.50	80.50	–	–
1970	98.50	86.00	–	–	97.50	82.50	–	–	110.50	87.50	–	–
1971	103.50	93.00	190.00	252.00	102.50	90.00	–	–	114.50	94.50	190.50	253.50
1972	108.00	96.00	196.50	255.50	107.00	91.50	190.00	–	118.00	97.50	200.50	257.00
1973	112.50	99.00	209.00	264.50	111.50	94.00	196.00	–	124.00	101.00	213.00	267.50
1974	117.50	104.50	213.00	272.50	116.00	97.00	204.50	261.00	136.00	107.50	215.00	275.00
1975	131.50	120.50	227.00	289.50	130.00	116.00	214.00	280.00	151.00	122.00	230.50	291.50
1976	140.50	127.00	245.00	309.00	139.00	121.00	228.50	303.50	160.50	128.50	250.50	310.50
1977	149.00	136.00	256.50	333.50	147.00	133.00	250.50	320.50	166.00	137.00	255.50	335.00
1978	158.00	141.00	278.50	350.50	157.00	139.00	271.00	331.50	169.00	142.00	280.00	354.00
1979	172.50	150.00	298.00	376.50	171.50	146.00	293.00	–	183.50	151.00	299.50	383.00
1980	–	161.00	320.00	420.00	–	160.50	304.50	406.00	–	161.00	327.00	423.50
1981	–	177.50	350.00	456.50	–	179.50	344.00	439.50	–	176.50	351.50	461.50
1982	–	198.00	377.00	491.00	–	196.00	366.00	478.50	–	196.50	381.00	494.00
1983	–	215.00	423.50	529.50	–	210.50	–	–	–	213.50	425.50	538.50
Northeast												
1967	82.00	68.00	–	–	82.00	–	–	–	–	68.00	–	–
1968	87.50	72.50	–	–	87.00	72.00	–	–	–	72.50	–	–
1969	92.50	78.50	–	–	92.00	–	–	–	–	79.00	–	–
1970	101.50	86.00	–	–	100.50	83.00	–	–	–	87.00	–	–
1971	110.50	94.00	195.00	263.00	108.50	89.00	–	–	122.00	95.00	195.50	264.00
1972	117.50	97.00	203.50	269.00	117.00	–	–	–	–	98.00	206.50	269.00
1973	123.00	99.00	225.00	297.50	122.00	94.50	–	–	–	100.00	–	298.50
1974	131.00	107.00	227.50	–	127.00	98.50	–	–	150.50	109.00	229.50	–
1975	138.00	118.50	242.50	325.50	137.00	–	–	–	–	120.00	244.50	328.00
1976	146.00	124.50	250.50	326.00	145.00	–	–	–	–	125.50	258.00	326.50
1977	155.50	131.00	254.00	339.50	155.00	–	–	–	158.50	130.00	258.00	348.50
1978	151.50	132.50	272.50	347.00	151.50	–	–	–	155.00	132.00	273.50	351.00

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967–83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
SELECTED SERVICES—Continued												
Northeast —Continued												
1979	$161.50	$139.00	$292.50	$371.00	$161.50	$145.50	$297.00	-	$160.50	$138.00	$290.00	$374.50
1980	-	149.00	323.00	407.00	-	-	313.00	-	-	148.00	326.50	413.50
1981	-	165.00	358.50	447.00	-	171.50	352.50	$429.50	-	163.50	361.50	454.50
1982	-	175.50	391.50	491.00	-	-	389.00	-	-	173.50	393.00	500.50
1983	-	190.50	423.50	521.00	-	-	-	-	-	188.00	430.00	-
South												
1967	75.00	64.50	-	-	74.50	-	-	-	-	-	-	-
1968	79.50	68.00	-	-	78.50	-	-	-	-	67.50	-	-
1969	84.00	73.50	-	-	83.00	-	-	-	-	73.50	-	-
1970	90.00	80.50	-	-	88.50	-	-	-	-	82.00	-	-
1971	95.00	87.50	183.50	245.00	94.50	-	-	-	-	89.00	182.50	246.50
1972	98.00	90.50	186.00	247.00	97.00	-	-	-	-	92.50	187.50	248.00
1973	106.00	96.00	197.00	261.00	105.50	-	-	-	-	98.00	199.50	264.00
1974	112.00	102.00	203.00	269.00	111.00	-	-	-	-	103.50	203.50	273.00
1975	125.00	126.50	216.00	283.00	124.50	-	-	-	-	127.50	220.00	283.50
1976	135.50	131.00	241.00	318.00	135.00	-	225.00	-	-	133.50	246.50	321.00
1977	142.00	141.50	258.00	352.00	140.50	132.00	-	-	-	145.50	258.50	353.00
1978	153.00	146.00	283.00	360.00	152.00	-	278.50	-	-	151.00	282.50	364.50
1979	172.00	159.00	296.50	371.00	171.00	-	306.50	-	184.50	163.00	293.50	381.00
1980	-	170.50	309.00	403.50	-	155.50	297.00	-	-	176.50	316.00	406.50
1981	-	180.50	338.50	446.50	-	-	331.00	-	-	183.50	340.50	449.00
1982	-	206.00	370.50	480.50	-	-	358.50	-	-	211.00	374.50	481.50
1983	-	215.50	442.00	541.00	-	-	-	524.00	-	222.50	449.50	548.00
North Central												
1967	83.00	72.50	-	-	83.00	68.00	-	-	-	74.50	-	-
1968	87.00	77.00	-	-	86.50	76.00	-	-	-	77.50	-	-
1969	91.00	81.50	-	-	91.00	79.00	-	-	-	83.50	-	-
1970	98.50	87.50	-	-	98.00	84.00	-	-	-	90.00	-	-
1971	102.00	93.50	-	-	101.50	93.50	-	-	-	93.50	-	-
1972	106.50	96.50	190.00	-	106.50	-	-	-	-	97.50	192.50	-
1973	108.00	99.50	197.00	241.00	107.00	95.50	-	-	-	102.00	202.00	-
1974	112.50	103.50	211.50	262.50	112.00	99.50	-	-	-	106.50	216.00	263.50
1975	124.00	115.50	224.50	284.50	123.50	114.50	-	-	-	116.00	230.00	285.50
1976	133.50	119.50	240.00	294.00	133.50	117.00	-	-	-	121.50	246.50	293.50
1977	142.50	127.00	250.00	303.00	142.50	125.50	-	-	-	128.50	252.00	303.50
1978	153.00	135.00	266.00	329.50	153.00	134.50	255.00	-	-	135.50	272.00	335.50
1979	163.50	143.50	300.00	354.50	163.00	142.50	269.50	-	-	145.00	313.00	358.50
1980	-	153.50	322.00	446.50	-	-	298.00	-	-	151.00	332.50	449.00
1981	-	169.50	337.00	465.00	-	-	333.00	-	-	165.00	339.50	472.50
1982	-	166.50	374.50	511.50	-	-	363.00	-	-	163.00	382.00	517.50
1983	-	206.00	405.00	518.50	-	-	-	-	-	204.00	-	526.00
West												
1967	93.00	80.50	-	-	92.50	-	-	-	-	82.50	-	-
1968	96.00	84.50	-	-	95.50	-	-	-	-	88.00	-	-
1969	99.50	86.00	-	-	99.00	-	-	-	-	88.00	-	-
1970	105.50	91.00	-	-	104.50	-	-	-	-	92.50	-	-
1971	108.50	99.50	-	-	108.00	-	-	-	-	102.50	-	-
1972	112.00	98.00	226.00	-	111.50	-	-	-	-	-	226.00	-
1973	114.00	102.00	232.50	265.00	113.50	-	-	-	-	-	234.00	267.50
1974	117.50	102.00	-	-	116.50	-	-	-	-	-	-	-
1975	144.00	128.00	246.50	278.00	139.00	-	-	-	162.00	131.00	-	282.00
1976	156.50	140.50	261.00	299.00	149.00	-	-	-	-	139.00	-	298.50
1977	169.00	157.00	271.50	330.50	162.50	-	-	-	-	156.00	-	326.00
1978	184.00	178.00	303.50	361.00	181.00	-	-	-	-	186.00	-	-
1979	205.50	194.50	316.50	405.00	201.00	-	-	-	-	207.50	-	413.50
1980	-	211.50	349.50	428.00	-	-	-	-	-	-	353.00	427.50
1981	-	235.50	395.50	475.00	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 97. Average earnings [1] for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-83—Continued

Item	All workers				Women				Men			
	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]	Accounting clerks, class B [2]	Messengers	Computer programers, class B [3]	Systems analysts, class B [3]
SELECTED SERVICES—Continued												
West —Continued												
1982	-	$294.00	$390.50	$519.50	-	-	-	-	-	-	-	-
1983	-	324.50	435.50	533.00	-	-	-	-	-	-	-	-

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[1] Earnings relate to regular straight-time salaries paid for standard work-weeks. Data are derived by statistically combining average earnings from surveys conducted annually in selected Standard Metropolitan Statistical Areas (SMSA'S). Earnings for these and other occupations are available for the SMSA's surveyed. Because the surveys are conducted at various times throughout the year, combined data relate to an average payroll month of reference. For 1975 and subsequent years, data relate to July (individual area data were combined on a calendar year basis). Before 1975, data relate to February (individual area data were combined on a fiscal year-July through June-basis).

[2] A revised 4-level occupational description for accounting clerks was introduced in 1980. Individual level data are not comparable with the previous 2-level description.

[3] Begining in 1981, multi-level jobs were identified by numeric instead of alphabetic designations. This job is comparable to the current level II definition.

- Data not available.

Table 98. Percent increases in average straight-time hourly earnings,[1] selected occupational groups in metropolitan areas, 1977–83[2]

Region and area	Office clerical[3]													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
Northeast														
Albany-Schenectady-Troy	5.8	6.5	9.4	9.7	8.8	8.7	5.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Boston	6.4	6.0	7.9	9.2	11.1	8.0	6.4	7.1	5.9	8.3	10.0	10.3	8.0	6.6
Buffalo	7.6	8.5	8.5	9.4	7.7	7.6	5.5	8.0	9.9	9.4	10.2	7.2	7.6	5.6
Hartford	6.3	5.6	6.5	8.6	7.6	7.9	6.3	6.5	5.7	5.5	8.3	7.4	7.1	7.9
Nassau-Suffolk	6.5	5.0	6.9	8.8	10.0	7.2	8.6	6.5	5.8	6.9	10.8	11.6	7.5	7.4
Newark	6.0	7.3	7.3	8.3	9.2	9.4	7.5	6.5	8.4	7.9	8.9	8.5	9.9	8.6
New York	5.8	5.8	6.1	7.5	9.5	9.2	6.9	7.1	6.4	6.7	8.0	9.0	9.4	7.0
Northeast Pennsylvania	7.4	6.8	6.1	8.9	9.1	7.8	5.7	8.5	7.0	7.0	8.8	9.2	8.6	(4)
Paterson-Clifton-Passaic	6.6	6.0	6.7	7.8	8.9	9.1	5.5	7.6	6.3	7.5	7.1	8.8	9.4	6.7
Philadelphia	7.1	6.7	7.9	9.3	9.7	6.9	5.2	8.7	7.0	8.4	9.4	10.0	6.6	4.2
Pittsburgh	8.0	7.7	8.4	9.5	9.8	9.9	6.4	8.5	8.4	9.6	10.4	10.8	10.5	4.9
Portland	9.0	8.2	10.5	9.2	10.6	6.5	7.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Poughkeepsie	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Providence-Warwick-Pawtucket	6.7	7.7	7.4	8.8	9.6	9.0	7.0	7.0	7.9	6.4	8.6	9.6	9.1	7.6
Trenton	6.7	9.1	8.1	8.3	9.2	8.0	6.3	7.9	8.9	7.9	8.6	9.2	(4)	(4)
Worcester	6.8	7.2	7.1	9.0	9.5	8.6	5.5	6.5	6.6	7.8	(4)	(4)	(4)	(4)
York	6.8	8.8	7.8	9.2	9.6	9.2	4.8	6.4	9.4	8.0	9.4	10.0	10.2	4.4
South														
Atlanta	6.8	6.5	7.0	9.4	11.0	8.7	6.3	6.7	(4)	(4)	(4)	(4)	(4)	(4)
Baltimore	5.8	8.1	8.1	10.0	11.4	8.3	5.8	6.4	10.4	7.7	8.9	10.6	7.1	(4)
Birmingham	5.8	7.0	(4)	(4)	(4)	(4)	(4)	7.1	7.3	(4)	(4)	(4)	(4)	(4)
Chattanooga	6.9	6.5	7.8	9.2	11.2	8.6	7.7	8.6	7.5	(4)	(4)	(4)	(4)	(4)
Corpus Christi	6.6	(4)	(4)	11.4	12.2	9.3	6.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Dallas-Fort Worth	7.0	7.5	9.3	13.4	10.3	7.8	5.6	7.4	7.1	8.5	11.2	11.7	6.9	5.4
Datona Beach	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Gainesville	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Greensboro-Winston-Salem-High Point	8.6	6.2	9.5	10.8	9.9	7.3	5.3	9.9	5.2	9.5	8.3	10.8	7.4	5.4
Greenville-Spartanburg	7.7	8.0	7.0	9.1	9.8	10.9	6.1	8.5	8.3	6.8	9.7	9.7	10.8	(4)
Houston	7.4	9.1	8.6	11.3	11.1	9.9	7.6	8.1	8.8	7.8	9.5	10.6	10.4	(4)
Huntsville	7.7	8.1	(4)	(4)	10.8	7.0	7.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Jackson	5.6	6.9	8.7	8.9	9.0	11.7	8.2	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Jacksonville	6.8	7.8	8.6	9.4	10.0	8.2	6.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Louisville	6.3	7.9	9.8	10.9	8.8	7.6	7.1	7.3	7.9	9.6	11.2	9.1	(4)	(4)
Memphis	7.5	9.1	8.4	9.2	8.0	6.0	5.6	7.5	8.1	8.5	8.1	8.7	(4)	(4)
Miami	7.0	5.3	9.1	9.5	10.0	7.0	6.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)
New Orleans	6.8	7.1	9.7	9.4	9.8	9.1	4.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Norfolk-Virginia Beach-Portsmouth	7.7	7.7	8.1	8.8	8.4	6.3	7.9	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Oklahoma City	7.9	8.9	9.4	12.8	11.2	9.7	6.4	6.7	7.6	8.5	12.8	10.6	(4)	(4)
Richmond	5.6	6.9	8.0	8.6	10.2	8.6	8.6	7.2	7.3	8.9	(4)	(4)	8.6	7.5
San Antonio	6.0	7.8	8.5	11.0	9.7	8.4	8.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Washington	7.0	7.9	6.2	8.7	9.1	8.7	6.9	(4)	(4)	(4)	(4)	(4)	(4)	(4)
North Central														
Akron	8.3	8.8	(4)	(4)	(4)	(4)	(4)	9.1	8.4	(4)	(4)	(4)	(4)	(4)
Canton	(4)	7.6	(4)	(4)	(4)	(4)	(4)	(4)	7.6	(4)	(4)	(4)	(4)	(4)
Chicago	8.0	7.1	7.3	10.2	9.7	8.9	7.0	8.1	7.5	7.2	9.9	10.1	8.8	6.4
Cincinnati	6.8	6.9	8.5	9.3	9.6	9.5	5.0	7.3	7.4	7.9	9.7	9.3	11.8	(4)
Cleveland	7.5	7.6	8.5	10.1	9.8	7.5	5.1	7.0	7.8	8.5	12.0	11.0	8.3	4.7
Columbus	7.1	6.8	7.6	9.9	9.6	7.3	6.4	7.1	6.5	7.8	10.7	9.7	7.2	5.2
Devenport-Rock Island-Moline	9.1	11.2	10.9	9.7	12.5	10.2	2.4	8.9	12.2	11.6	10.8	(4)	(4)	(4)
Dayton	6.6	7.5	7.8	9.7	8.7	5.4	7.1	6.6	7.4	8.1	9.3	8.2	5.1	6.1
Detroit	7.6	6.5	8.3	10.2	9.7	7.6	7.6	7.9	5.9	9.0	11.7	9.5	6.6	4.7
Green Bay	7.1	7.8	9.3	10.4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Indianapolis	7.0	6.4	9.2	9.3	7.5	8.4	5.9	7.5	5.8	11.9	9.2	7.7	(4)	(4)
Kansas City	6.4	8.8	7.7	9.1	9.5	9.0	4.4	7.1	7.2	8.6	9.8	8.3	7.5	5.5
Milwaukee	7.2	7.8	7.2	8.9	10.4	9.3	6.0	7.9	6.2	7.4	8.6	11.3	9.8	5.0
Minneapolis-StPaul	7.9	8.0	8.6	9.1	11.6	9.2	7.8	8.1	7.1	8.7	8.0	11.6	9.2	8.0
Omaha	7.9	7.4	9.1	10.7	8.2	9.9	4.4	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Saginaw	6.7	9.4	9.4	9.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
St. Louis	6.9	6.9	8.0	10.3	9.6	9.1	7.3	6.7	6.4	8.6	10.4	10.2	8.8	6.9
South Bend	8.0	8.8	8.6	10.6	8.6	7.2	5.4	8.5	8.4	8.7	(4)	(4)	(4)	(4)
Toledo	6.8	9.4	7.0	10.7	11.5	7.2	5.7	7.5	8.9	6.2	11.4	13.0	7.5	5.9
Wichita	7.8	7.8	10.7	13.5	10.7	11.3	6.1	7.4	8.3	12.3	14.5	12.5	13.0	6.1

See footnotes at end of table.

Table 98. Percent increases in average straight-time hourly earnings, [1] selected occupational groups in metropolitan areas, 1977-83 [2]—Continued

Region and area	Office clerical [3]													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
West														
Anaheim-Santa Ana-Garden Grove	7.7	8.6	8.8	9.7	10.2	8.2	5.4	7.5	7.9	9.3	9.4	10.5	9.0	6.1
Billings	8.1	7.8	9.0	9.5	12.2	6.2	5.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Denver-Boulder	7.7	7.8	10.2	10.8	10.0	5.5	8.2	6.7	(4)	(4)	10.7	8.5	6.9	5.6
Fresno	6.7	6.8	6.8	7.5	8.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Los Angeles-Long Beach	7.4	7.8	9.8	9.0	11.1	6.5	8.2	7.2	6.9	9.7	9.6	11.1	8.3	5.0
Portland	9.2	8.5	8.5	9.8	9.9	8.1	5.9	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Sacramento	8.8	6.9	9.1	9.2	9.5	7.4	6.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Salt Lake City-Ogden	7.4	8.2	9.4	11.5	9.8	7.3	5.6	7.4	9.1	9.9	10.5	9.1	8.1	6.8
San Diego	5.6	7.9	7.3	12.0	9.6	7.9	5.7	5.8	7.7	8.9	12.7	8.8	7.9	6.1
San Francisco-Oakland	6.7	6.9	8.3	9.9	10.6	10.0	8.2	6.9	7.7	7.7	11.3	10.0	11.0	7.3
San Jose	7.4	7.2	7.3	9.2	11.3	10.5	8.0	8.0	6.8	8.4	8.2	11.7	10.1	(4)
Seattle-Everett	8.1	9.6	9.3	9.3	11.5	9.1	4.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	Electronic data processing [5]													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
Northeast														
Albany-Schenectady-Troy	(4)	(4)	9.8	8.9	10.7	11.3	4.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Boston	5.8	6.7	8.0	8.7	10.9	8.1	8.1	5.9	7.7	7.9	9.3	11.1	7.4	4.8
Buffalo	5.9	6.3	8.5	10.4	7.2	8.2	5.5	7.3	7.4	9.0	9.7	6.5	8.1	5.3
Hartford	5.3	7.3	6.3	9.5	9.2	7.6	5.6	(4)	(4)	8.1	10.1	(4)	(4)	(4)
Nassau-Suffolk	5.1	5.7	9.4	9.5	10.0	7.2	8.6	(4)	(4)	(4)	(4)	(4)	6.6	10.3
Newark	5.1	8.4	6.9	7.7	8.2	10.2	7.4	5.3	7.6	6.6	7.4	9.6	8.1	5.6
New York	5.8	5.3	5.5	8.7	10.3	7.4	7.5	6.6	6.3	6.0	9.4	9.0	8.9	7.6
Northeast Pennsylvania	(4)	6.2	6.4	10.1	8.2	11.0	6.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Paterson-Clifton-Passaic	6.5	7.9	6.4	8.0	10.2	9.4	6.9	(4)	7.4	(4)	(4)	(4)	(4)	(4)
Philadelphia	7.4	6.2	8.1	9.4	8.8	8.0	6.7	8.1	6.7	7.7	8.2	9.3	6.1	5.4
Pittsburgh	8.4	7.8	8.2	9.2	7.8	9.9	5.7	10.4	7.9	8.1	10.6	6.1	10.6	2.9
Portland	(4)	12.6	6.9	10.1	8.4	7.5	6.9	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Poughkeepsie	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Providence-Warwick-Pawtucket	6.8	7.2	7.7	9.6	7.9	9.2	5.7	(4)	(4)	(4)	(4)	(4)	10.9	5.4
Trenton	7.2	2.7	7.3	9.2	10.9	7.4	6.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Worcester	5.9	11.0	6.1	12.3	6.5	9.1	4.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)
York	(4)	(4)	8.3	8.0	11.1	10.0	5.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)
South														
Atlanta	7.3	9.4	8.2	7.0	13.8	8.8	8.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Baltimore	6.5	7.6	7.7	9.8	8.4	6.9	5.9	7.1	(4)	(4)	(4)	(4)	(4)	7.3
Birmingham	7.2	8.2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Chattanooga	7.4	10.7	6.2	9.7	13.1	8.5	7.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Corpus Christi	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Dallas-Fort Worth	6.6	8.4	10.9	9.5	10.5	8.6	7.0	6.9	10.1	9.6	11.8	8.9	8.7	11.5
Datona Beach	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Gainesville	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Greensboro-Winston-Salem-High Point	6.9	8.7	7.9	12.9	8.3	8.6	6.9	7.6	5.3	8.2	11.4	8.8	10.2	6.8
Greenville-Spartanburg	5.8	8.8	11.4	7.9	10.9	12.4	6.2	8.2	(4)	(4)	(4)	(4)	(4)	(4)
Houston	5.8	12.1	6.6	10.4	11.0	11.1	7.4	(4)	(4)	(4)	(4)	10.4	11.6	6.2
Huntsville	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Jackson	(4)	7.1	9.2	13.5	7.2	15.3	7.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Jacksonville	6.3	9.6	11.1	7.1	10.0	9.6	6.9	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Louisville	8.9	9.1	8.0	11.7	8.7	7.9	7.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Memphis	7.6	7.7	11.8	8.7	9.6	6.8	6.2	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Miami	8.5	4.8	9.5	9.0	9.8	6.1	8.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)
New Orleans	7.8	10.0	6.5	9.4	10.5	10.3	5.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Norfolk-Virginia Beach-Portsmouth	(4)	(4)	(4)	11.0	5.9	10.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Oklahoma City	9.7	7.8	10.5	15.9	9.5	10.2	5.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Richmond	7.0	8.0	6.1	8.8	10.3	9.5	6.6	5.3	7.8	7.2	8.9	9.8	9.2	5.2
San Antonio	7.3	6.9	4.4	10.6	12.4	9.6	7.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Washington	6.5	5.5	7.1	7.4	8.4	9.5	8.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

Table 98. Percent increases in average straight-time hourly earnings, [1] selected occupational groups in metropolitan areas, 1977-83 [2]—Continued

Region and area	Electronic data processing [5]													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
North Central														
Akron	7.6	7.9	(4)	(4)	(4)	(4)	(4)	8.7	7.5	(4)	(4)	(4)	(4)	(4)
Canton	7.7	6.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Chicago	6.9	7.6	7.0	9.1	9.8	9.1	6.5	6.3	7.1	7.1	10.7	9.7	9.8	5.0
Cincinnati	7.1	7.2	7.5	10.1	9.1	8.4	6.3	(4)	(4)	6.8	9.7	8.8	9.6	4.8
Cleveland	8.7	7.5	8.4	10.4	8.8	7.9	5.3	6.5	7.1	8.3	11.2	9.5	7.9	4.4
Columbus	6.5	9.2	7.8	10.0	10.5	9.3	5.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Devenport-Rock Island-Moline	9.0	9.4	11.6	9.6	11.7	9.8	9.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Dayton	8.0	6.1	8.1	9.9	9.2	4.1	8.1	7.1	6.2	8.2	10.1	7.9	2.6	10.6
Detroit	7.0	6.8	10.5	10.3	8.4	4.5	5.9	7.8	7.4	10.6	10.4	8.5	3.5	3.8
Green Bay	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Indianapolis	5.8	8.9	10.0	9.5	9.3	8.4	5.3	(4)	(4)	8.8	10.1	(4)	(4)	(4)
Kansas City	6.5	9.3	6.7	8.4	8.6	9.0	3.9	(4)	(4)	6.2	8.9	8.7	8.7	5.8
Milwaukee	7.0	8.6	7.0	10.3	10.1	9.7	6.0	7.2	6.9	7.5	9.2	9.6	10.4	4.8
Minneapolis-StPaul	5.5	7.3	8.5	9.7	10.0	8.9	6.9	5.8	6.5	8.5	8.6	10.5	9.7	7.0
Omaha	11.4	6.9	10.5	14.3	8.8	6.5	7.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Saginaw	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
St. Louis	7.0	7.6	6.9	6.8	10.6	12.1	6.5	7.0	7.2	8.3	7.0	11.3	13.0	4.9
South Bend	6.8	6.2	7.5	8.9	8.3	7.1	5.6	5.2	5.7	7.4	8.7	(4)	(4)	(4)
Toledo	7.5	8.6	7.2	11.9	10.5	6.4	4.7	8.1	8.7	6.1	12.7	10.5	5.8	3.8
Wichita	4.2	7.6	8.2	13.9	7.8	11.5	5.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)
West														
Anaheim-Santa Ana-Garden Grove	6.3	4.3	5.2	9.1	10.5	10.5	6.1	(4)	(4)	(4)	(4)	(4)	9.9	5.5
Billings	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Denver-Boulder	7.4	7.1	9.7	11.0	9.8	9.0	4.3	7.2	7.8	9.1	8.3	9.0	6.0	2.9
Fresno	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Los Angeles-Long Beach	6.6	9.6	8.6	9.9	13.1	7.4	5.7	6.3	8.8	8.4	9.4	14.0	8.3	5.1
Portland	7.9	8.5	9.1	9.7	7.7	7.7	6.1	(4)	(4)	(4)	14.5	1.3	(4)	(4)
Sacramento	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Salt Lake City-Ogden	9.5	6.3	10.6	11.3	9.7	11.9	7.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)
San Diego	7.2	7.9	8.3	12.0	11.0	7.7	4.2	7.8	8.7	9.5	11.1	10.9	7.9	2.9
San Francisco-Oakland	6.8	7.9	8.4	9.9	7.9	10.8	8.4	5.0	8.1	(4)	(4)	(4)	(4)	10.0
San Jose	6.9	7.0	9.6	6.7	10.9	10.5	10.5	7.4	7.6	8.7	8.1	11.1	9.8	7.6
Seattle-Everett	7.4	8.2	8.6	9.7	10.6	7.3	4.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)

Region and area	Industrial nurses													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
Northeast														
Albany-Schenectady-Troy	6.5	7.0	9.3	10.1	7.4	9.0	4.6	7.2	6.3	9.5	9.7	7.1	9.0	4.3
Boston	5.9	8.7	8.8	9.7	11.1	8.7	7.6	6.3	8.5	8.6	9.4	10.6	8.5	6.7
Buffalo	8.3	7.8	8.3	12.9	9.5	5.9	5.9	8.4	7.8	8.5	13.3	9.1	6.0	5.6
Hartford	6.2	9.7	9.1	10.1	9.1	8.6	7.0	6.5	10.4	10.6	7.2	9.1	8.2	6.9
Nassau-Suffolk	8.3	7.7	7.7	11.3	9.5	7.8	5.3	9.1	7.2	(4)	(4)	(4)	(4)	(4)
Newark	7.7	8.8	9.2	8.6	8.2	8.8	7.1	7.7	9.6	9.1	9.3	6.6	8.9	7.4
New York	6.8	6.6	6.4	10.6	8.0	9.6	7.7	6.4	6.7	5.8	12.2	7.9	9.5	7.3
Northeast Pennsylvania	9.3	7.8	10.0	6.1	10.6	5.5	5.9	9.8	8.5	10.3	5.8	10.9	6.3	6.9
Paterson-Clifton-Passaic	6.7	3.6	8.5	10.4	7.8	9.2	3.2	6.6	4.3	9.5	9.6	7.7	(4)	(4)
Phiiadelphia	(4)	8.7	8.5	9.4	9.1	8.7	7.6	6.3	8.5	9.0	9.9	8.6	8.9	7.7
Pittsburgh	5.7	8.7	10.2	8.6	10.7	11.0	13.0	4.0	8.5	10.2	9.1	10.9	11.1	13.8
Portland	2.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Poughkeepsie	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Providence-Warwick-Pawtucket	(4)	6.8	9.3	6.9	11.9	9.5	9.2	8.1	7.4	(4)	7.3	11.9	10.0	8.3
Trenton	7.9	8.1	8.7	5.4	13.2	9.6	4.3	(4)	8.1	8.7	5.4	13.2	9.6	(4)
Worcester	(4)	6.1	6.9	8.5	9.5	10.7	6.9	3.5	(4)	(4)	9.7	9.5	10.6	6.5
York	(4)	8.0	8.0	6.2	10.1	13.6	8.3	2.6	(4)	(4)	5.7	10.0	12.6	8.9
South														
Atlanta	2.0	6.4	9.4	7.1	10.8	13.7	8.4	5.4	(4)	(4)	(4)	12.0	13.3	7.0
Baltimore	6.7	6.8	8.6	7.3	10.3	10.6	8.5	4.1	7.5	8.6	7.1	.1	1.1	9.9

See footnotes at end of table.

Table 98. Percent increases in average straight-time hourly earnings, [1] selected occupational groups in metropolitan areas, 1977-83 [2]—Continued

Region and area	Industrial nurses													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
South —Continued														
Birmingham	8.1	3.9	8.1	5.7	(4)	(4)	(4)	(4)	(4)	8.5	5.9	(4)	(4)	(4)
Chattanooga	(4)	(4)	(4)	(4)	7.4	9.4	9.8	9.1	(4)	(4)	(4)	7.2	9.4	10.4
Corpus Christi	9.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Dallas-Fort Worth	(4)	8.3	10.2	8.8	11.7	10.6	10.1	6.8	9.2	9.1	8.6	11.5	9.3	9.7
Datona Beach	6.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Gainesville	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Greensboro-Winston-Salem-High Point	(4)	6.9	5.8	8.6	11.2	13.6	6.4	5.8	7.5	5.4	8.4	11.2	13.7	6.2
Greenville-Spartanburg	5.7	7.8	5.6	7.8	11.3	9.9	11.8	5.2	7.8	5.6	7.8	11.3	9.9	11.8
Houston	9.1	9.8	9.9	7.2	13.5	10.8	9.8	8.8	9.5	10.2	5.8	14.8	10.2	8.5
Huntsville	9.1	(4)	(4)	(4)	(4)	13.6	6.9	9.9	(4)	(4)	(4)	(4)	13.8	6.8
Jackson	9.9	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Jacksonville	(4)	10.5	9.6	9.5	7.9	8.5	8.8	1.8	(4)	(4)	(4)	(4)	(4)	(4)
Louisville	(4)	9.2	8.3	12.0	12.2	13.9	8.0	8.5	9.3	8.1	12.0	12.2	14.1	8.0
Memphis	8.5	10.4	5.1	10.1	10.2	12.9	7.4	7.9	(4)	(4)	10.2	9.7	13.9	7.2
Miami	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
New Orleans	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Norfolk-Virginia Beach-Portsmouth	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Oklahoma City	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Richmond	(4)	8.0	7.3	6.9	13.2	11.8	13.3	10.5	8.1	7.8	7.4	13.1	11.8	13.7
San Antonio	11.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Washington	(4)	6.9	8.7	6.8	5.2	6.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
North Central														
Akron	(4)	9.7	7.3	(4)	(4)	(4)	(4)	(4)	9.9	7.7	(4)	(4)	(4)	(4)
Canton	(4)	8.9	8.0	(4)	(4)	(4)	(4)	(4)	9.0	8.1	(4)	(4)	(4)	(4)
Chicago	(4)	7.7	8.7	8.3	10.7	9.2	11.1	5.4	7.1	9.4	8.4	10.7	9.7	10.5
Cincinnati	5.1	7.6	8.7	8.9	11.6	10.7	9.4	8.1	8.3	8.4	9.1	11.4	11.0	7.2
Cleveland	8.1	8.2	10.5	12.2	9.0	8.1	4.0	8.2	8.0	11.0	12.2	10.2	5.9	2.8
Columbus	11.0	8.0	8.0	10.6	11.8	7.3	6.6	11.5	7.7	8.2	10.3	11.3	8.2	7.3
Devenport-Rock Island-Moline	6.3	10.1	9.8	12.9	12.7	12.4	.3	6.3	10.1	9.8	12.9	12.7	12.4	-.3
Dayton	6.1	9.9	9.4	10.8	8.7	5.4	5.3	6.3	10.4	9.5	10.7	8.7	5.4	5.3
Detroit	8.5	8.1	10.5	12.1	9.1	7.3	4.4	8.7	7.8	10.5	12.5	9.4	6.0	4.1
Green Bay	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Indianapolis	11.4	7.7	13.3	9.0	8.8	5.8	2.7	11.3	7.9	13.3	9.0	8.7	5.5	2.4
Kansas City	7.5	8.5	9.0	7.6	10.1	8.9	7.0	7.6	8.1	9.4	6.8	10.8	8.1	7.2
Milwaukee	6.5	8.6	6.3	10.6	11.2	9.6	4.8	6.7	7.9	6.6	9.4	11.2	9.9	4.5
Minneapolis-StPaul	8.2	6.8	7.6	10.3	14.7	12.5	6.7	9.0	6.3	7.5	10.2	15.1	12.6	6.2
Omaha	(4)	11.0	7.6	10.3	12.9	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Saginaw	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
St. Louis	8.3	8.8	9.7	9.6	10.3	9.5	5.5	8.5	8.8	9.8	10.0	10.1	9.6	5.7
South Bend	8.9	8.3	8.0	11.5	9.9	7.1	5.8	8.9	8.3	8.0	11.5	9.9	7.1	5.8
Toledo	7.3	11.0	9.0	8.9	9.7	8.2	4.5	7.3	11.0	9.0	8.9	9.8	8.2	4.4
Wichita	8.8	6.8	12.9	14.3	14.1	12.7	7.0	8.8	6.8	13.1	14.5	14.5	12.7	7.0
West														
Anaheim-Santa Ana-Garden Grove	7.7	6.5	10.1	12.4	8.9	10.5	6.7	(4)	(4)	9.6	12.7	8.9	10.7	5.6
Billings	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Denver-Boulder	7.6	6.9	11.6	12.9	9.6	6.4	5.9	7.6	7.5	12.6	13.2	11.5	4.7	6.8
Fresno	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Los Angeles-Long Beach	7.4	9.6	8.4	12.1	12.8	10.4	6.0	7.5	9.1	8.7	12.3	12.4	9.7	6.9
Portland	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Sacramento	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Salt Lake City-Ogden	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
San Diego	(4)	(4)	9.6	12.5	9.0	7.3	4.6	(4)	(4)	10.0	12.8	8.5	6.9	4.3
San Francisco-Oakland	6.2	11.7	7.7	11.5	11.7	12.4	9.6	5.2	11.5	8.3	(4)	(4)	(4)	(4)
San Jose	7.6	6.6	11.3	6.1	9.1	15.0	10.4	6.9	(4)	(4)	(4)	(4)	(4)	(4)
Seattle-Everett	7.1	5.5	10.6	13.8	11.2	8.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

Table 98. Percent increases in average straight-time hourly earnings,[1] selected occupational groups in metropolitan areas, 1977-83[2]—Continued

Region and area	Skilled maintenance[6]													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
Northeast														
Albany-Schenectady-Troy	7.1	7.9	9.5	10.4	7.8	9.2	9.2	7.0	7.9	9.2	10.3	7.8	9.6	3.6
Boston	7.3	7.3	7.6	9.6	10.3	8.8	5.9	6.6	7.7	7.6	9.6	10.6	8.7	6.0
Buffalo	8.3	8.1	9.3	11.1	9.8	5.3	4.0	8.3	8.1	9.3	11.4	9.7	5.1	3.9
Hartford	7.1	8.5	8.2	9.9	10.8	7.2	8.5	7.1	8.6	8.1	9.3	11.1	7.0	9.0
Nassau-Suffolk	6.6	7.6	7.4	10.1	9.7	8.1	6.5	6.7	7.6	7.8	10.8	10.1	6.4	7.2
Newark	8.0	8.3	8.2	8.3	9.0	8.7	6.1	8.0	8.3	8.4	8.5	8.2	8.7	6.2
New York	6.4	7.1	7.9	9.0	8.5	8.9	7.6	7.0	5.3	7.9	10.1	8.8	9.8	8.0
Northeast Pennsylvania	10.4	8.0	7.0	8.9	7.9	6.6	5.4	10.5	8.1	7.0	8.3	7.6	7.0	5.4
Paterson-Clifton-Passaic	7.0	5.5	8.7	8.0	9.0	9.6	7.1	6.8	7.0	8.9	8.2	9.0	9.4	7.2
Philadelphia	8.1	8.1	8.8	10.1	9.2	6.6	4.1	8.4	8.5	9.3	10.3	9.4	6.6	4.0
Pittsburgh	8.0	11.2	8.4	10.3	10.7	9.5	4.7	8.0	11.6	8.4	10.5	10.8	9.7	4.3
Portland	7.4	7.9	11.6	9.3	9.4	7.5	6.4	7.2	8.3	9.1	7.9	9.5	7.9	7.1
Poughkeepsie	(4)	(4)	6.6	5.5	7.8	10.0	7.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Providence-Warwick-Pawtucket	8.1	7.1	9.1	9.9	8.1	8.3	6.5	7.7	7.2	9.5	9.9	8.1	8.7	7.1
Trenton	11.7	7.1	9.8	10.5	7.9	4.9	3.2	12.1	7.0	9.9	10.1	8.0	4.6	(4)
Worcester	7.9	9.0	8.1	10.1	9.4	10.2	5.9	7.8	9.0	8.3	10.0	9.4	10.5	5.8
York	8.4	7.5	9.0	10.1	11.2	10.4	4.1	8.3	7.5	9.1	10.0	11.4	11.1	3.9
South														
Atlanta	8.6	8.1	8.1	9.5	10.9	7.5	5.1	7.8	7.5	9.1	9.8	11.0	8.4	5.1
Baltimore	8.6	8.8	9.7	11.7	9.6	7.1	-.5	7.8	9.1	10.0	12.3	9.9	7.7	-1.9
Birmingham	6.3	5.5	(4)	(4)	(4)	(4)	(4)	6.1	5.3	(4)	(4)	(4)	(4)	(4)
Chattanooga	8.6	6.7	10.0	9.6	8.9	7.3	4.1	8.6	6.7	9.9	9.6	8.9	7.4	4.0
Corpus Christi	10.5	8.2	8.9	13.1	10.9	7.3	6.4	10.4	8.3	8.9	13.1	10.6	7.6	6.2
Dallas-Fort Worth	8.9	8.4	11.0	12.0	9.2	6.4	6.0	8.3	8.1	9.5	10.9	10.6	6.4	6.8
Datona Beach	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Gainesville	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Greensboro-Winston-Salem-High Point	9.7	9.0	10.4	12.2	12.2	6.9	4.3	9.9	8.2	10.9	12.6	13.0	7.5	4.9
Greenville-Spartanburg	8.0	6.1	7.6	9.8	10.1	10.4	4.5	8.0	6.1	7.5	10.3	9.7	10.8	4.5
Houston	9.1	10.4	8.2	10.1	9.6	9.3	5.5	8.7	10.8	9.1	10.0	9.4	10.8	5.7
Huntsville	8.9	(4)	(4)	(4)	12.0	8.2	4.0	(4)	(4)	(4)	(4)	12.2	8.2	3.8
Jackson	9.9	9.3	9.3	12.2	11.4	10.4	10.4	9.5	9.5	9.8	11.2	(4)	(4)	6.8
Jacksonville	8.9	9.0	10.0	8.8	8.0	6.3	.4	9.4	8.6	9.9	9.9	8.4	5.9	-.4
Louisville	8.7	8.7	9.2	10.3	9.7	6.6	3.0	9.2	8.7	9.1	10.6	9.7	6.8	2.7
Memphis	8.3	9.1	9.6	10.1	7.9	6.9	4.3	8.2	9.1	9.0	10.8	8.3	7.8	5.4
Miami	9.5	6.3	8.9	10.0	8.1	5.1	7.0	6.6	7.6	(4)	(4)	(4)	(4)	(4)
New Orleans	10.4	10.3	8.8	10.5	10.0	8.1	5.2	11.2	11.3	8.6	10.7	9.5	7.6	7.6
Norfolk-Virginia Beach-Portsmouth	6.2	9.2	7.9	9.8	8.3	8.3	6.7	5.3	10.0	8.6	8.0	8.4	9.5	5.6
Oklahoma City	9.1	10.2	9.3	10.6	11.1	7.6	2.4	7.5	9.9	9.5	9.7	11.0	7.8	2.3
Richmond	9.8	9.8	8.5	14.0	13.1	7.7	5.9	10.3	10.9	8.3	14.5	13.7	8.1	5.8
San Antonio	9.4	6.5	9.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Washington	7.6	7.9	5.8	8.1	8.4	7.6	9.0	8.1	7.2	(4)	(4)	(4)	(4)	(4)
North Central														
Akron	8.4	8.5	(4)	(4)	(4)	(4)	(4)	8.3	8.4	(4)	(4)	(4)	(4)	(4)
Canton	9.8	8.2	(4)	(4)	(4)	(4)	(4)	9.7	8.2	(4)	(4)	(4)	(4)	(4)
Chicago	8.5	8.6	8.0	11.7	9.4	7.6	5.6	8.4	9.0	8.2	11.4	9.1	8.1	5.2
Cincinnati	9.3	8.2	9.5	11.1	9.3	7.7	4.7	9.0	8.1	9.6	10.9	8.8	8.2	5.2
Cleveland	12.1	7.5	10.8	11.6	9.3	4.4	1.2	12.8	7.5	11.1	11.5	9.0	4.4	.8
Columbus	10.4	7.8	9.1	10.7	9.0	5.6	5.6	9.4	8.4	9.1	11.0	8.9	5.8	4.5
Devenport-Rock Island-Moline	7.7	11.8	9.0	10.9	10.8	10.2	10.2	7.5	12.0	9.0	11.1	10.7	10.2	3.5
Dayton	9.4	9.6	10.1	10.3	8.8	2.3	3.5	9.2	9.8	10.3	10.2	8.9	2.4	3.3
Detroit	9.3	8.3	9.2	11.1	8.7	5.3	1.9	9.4	8.3	9.1	11.1	8.6	5.1	1.7
Green Bay	8.5	10.3	8.8	8.4	9.7	8.5	5.3	8.2	10.6	8.3	8.1	(4)	(4)	(4)
Indianapolis	11.3	8.1	10.7	10.9	8.0	5.3	11.3	11.8	7.9	10.8	11.1	7.6	4.8	4.0
Kansas City	10.2	8.3	8.5	9.9	9.8	5.2	3.5	11.0	8.0	9.7	9.5	9.9	5.0	3.6
Milwaukee	8.6	8.4	8.5	10.9	9.2	8.1	5.0	9.1	8.4	8.4	11.1	9.3	8.1	5.2
Minneapolis-StPaul	8.7	8.2	8.3	10.4	11.7	9.7	5.7	8.8	8.1	8.5	9.7	11.4	9.8	5.8
Omaha	9.2	8.7	9.8	10.5	8.3	7.1	3.1	8.5	9.7	10.0	11.0	9.2	7.7	3.8
Saginaw	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
St. Louis	7.9	8.2	8.6	9.9	9.5	9.1	6.2	8.3	8.2	8.8	10.1	9.8	9.2	6.4
South Bend	11.3	8.9	9.6	11.8	8.2	6.6	2.7	11.2	9.2	9.7	11.9	8.0	7.3	2.5
Toledo	8.9	9.1	8.7	11.0	11.0	5.6	6.6	8.9	9.2	8.7	11.2	11.1	6.1	1.1
Wichita	9.7	8.1	10.9	11.9	12.2	11.9	7.4	8.3	7.9	11.5	11.7	12.4	12.4	8.2

See footnotes at end of table.

Table 98. Percent increases in average straight-time hourly earnings, [1] selected occupational groups in metropolitan areas, 1977-83 [2]—Continued

Region and area	Skilled maintenance [6]													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
West														
Anaheim-Santa Ana-Garden Grove	8.0	8.9	9.5	10.6	9.0	7.9	6.0	8.1	9.2	9.7	10.3	9.3	8.0	6.2
Billings	8.6	6.8	9.0	11.1	8.7	8.7	5.5	(4)	(4)	(4)	(4)	9.5	8.8	(4)
Denver-Boulder	8.6	9.4	10.7	11.0	10.9	8.0	5.4	7.6	9.7	11.0	10.5	12.6	6.7	4.5
Fresno	9.2	6.2	8.3	10.9	10.1	7.2	7.0	9.7	5.7	9.1	11.7	9.5	7.9	7.8
Los Angeles-Long Beach	8.8	8.1	9.7	12.0	10.2	7.8	6.3	8.6	8.2	10.5	11.8	11.5	8.6	5.2
Portland	10.0	7.1	8.5	11.9	11.5	7.2	2.7	10.0	6.5	9.4	11.4	11.7	7.9	4.7
Sacramento	8.4	8.2	10.3	11.4	8.5	6.9	5.8	8.1	8.3	(4)	(4)	9.2	7.9	5.2
Salt Lake City-Ogden	7.4	9.1	10.4	12.1	9.5	5.3	2.8	6.8	9.4	10.4	12.0	10.8	6.5	5.1
San Diego	7.3	8.9	8.3	11.9	10.3	8.0	4.2	6.5	9.1	8.5	12.1	9.9	8.2	3.7
San Francisco-Oakland	8.9	9.2	8.5	9.2	12.4	8.9	6.9	8.9	9.2	8.0	9.5	12.4	8.8	5.2
San Jose	8.0	7.4	8.9	9.5	12.1	9.3	4.3	7.8	7.4	8.8	9.8	11.9	9.2	4.1
Seattle-Everett	8.1	8.0	8.8	14.3	8.8	6.3	3.7	9.2	8.2	9.6	14.5	9.9	6.7	4.6

Region and area	Unskilled plant [7]													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
Northeast														
Albany-Schenectady-Troy	7.7	6.1	9.6	10.3	8.6	7.4	4.0	6.7	8.0	10.9	10.5	8.7	9.2	5.4
Boston	6.5	7.1	8.0	9.2	9.1	8.0	7.7	7.4	5.5	9.5	9.9	10.3	8.2	7.0
Buffalo	7.4	9.1	10.9	10.1	8.2	4.7	3.4	8.1	8.1	10.3	10.8	9.4	5.9	4.3
Hartford	6.6	5.8	8.2	9.5	9.9	6.0	8.2	6.5	6.9	8.8	9.3	11.1	6.7	10.0
Nassau-Suffolk	5.1	6.9	6.6	11.5	10.3	4.4	8.5	6.1	9.1	7.2	12.4	12.4	7.7	6.9
Newark	6.2	8.3	7.7	9.5	9.2	6.9	5.9	6.6	10.8	7.4	9.6	11.5	11.1	7.2
New York	7.3	5.8	7.0	5.5	9.0	8.9	8.4	7.3	5.8	7.7	8.3	9.2	9.6	7.0
Northeast Pennsylvania	8.8	8.5	8.2	10.0	9.3	4.6	4.6	10.6	7.3	5.9	9.4	9.2	6.4	5.2
Paterson-Clifton-Passaic	8.5	5.5	8.3	9.4	10.4	7.1	7.1	8.4	5.4	8.9	8.9	10.5	7.2	6.6
Philadelphia	7.2	8.7	10.0	9.8	8.0	6.6	4.3	7.5	9.6	10.0	10.9	9.7	7.5	4.2
Pittsburgh	8.1	9.7	8.5	9.5	12.2	8.8	4.5	8.8	11.1	8.9	12.1	12.9	11.3	4.0
Portland	8.7	8.7	9.6	9.8	8.5	7.4	5.1	8.4	10.1	7.9	8.7	9.7	9.0	5.8
Poughkeepsie	6.7	2.6	6.2	(4)	(4)	(4)	(4)	8.1	6.0	8.5	(4)	(4)	(4)	(4)
Providence-Warwick-Pawtucket	7.9	9.9	8.9	8.8	9.0	6.6	4.8	8.2	10.7	8.3	8.9	9.8	8.2	5.8
Trenton	8.5	7.4	9.1	8.5	8.8	5.0	4.1	9.0	8.8	8.9	9.5	8.5	7.8	4.2
Worcester	6.9	8.8	8.0	10.0	7.0	8.2	4.8	7.3	6.6	8.4	10.1	6.9	9.0	5.7
York	7.5	8.2	10.1	11.0	11.0	8.8	4.4	7.0	7.6	10.2	10.0	11.0	10.9	5.7
South														
Atlanta	6.1	9.8	9.3	9.3	9.3	5.0	2.5	8.3	8.3	9.5	9.7	11.8	8.4	4.3
Baltimore	5.6	10.7	9.0	10.3	9.2	5.2	3.6	8.2	9.7	10.1	11.3	10.3	6.5	2.3
Birmingham	4.8	10.4	(4)	(4)	(4)	(4)	(4)	6.8	7.8	(4)	(4)	(4)	(4)	(4)
Chattanooga	8.3	9.1	9.2	8.7	8.8	6.3	3.1	9.3	7.8	8.7	8.9	9.6	7.4	3.1
Corpus Christi	4.7	13.2	8.7	9.5	8.7	3.2	3.1	8.5	10.6	8.5	13.6	9.4	7.8	4.5
Dallas-Fort Worth	5.9	10.3	10.7	9.5	7.0	6.8	3.8	8.1	7.8	10.6	13.2	10.0	7.3	6.0
Datona Beach	6.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Gainesville	(4)	(4)	(4)	(4)	10.5	6.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Greensboro-Winston-Salem-High Point	10.6	9.6	11.1	11.9	9.8	5.0	2.9	(4)	(4)	11.7	12.7	11.8	7.1	4.9
Greenville-Spartanburg	7.8	7.2	10.3	8.2	7.1	5.2	2.7	8.0	6.5	8.4	8.1	6.3	8.3	4.8
Houston	5.1	(4)	9.5	10.4	8.7	3.8	4.5	10.0	(4)	8.4	10.0	11.1	9.0	5.9
Huntsville	2.8	10.3	8.9	8.4	9.7	6.4	5.7	4.2	11.3	9.6	10.11	1.6	6.7	5.2
Jackson	4.8	12.1	10.8	14.8	9.6	7.8	3.8	7.9	13.3	11.2	16.4	10.3	10.0	4.7
Jacksonville	7.8	10.2	9.6	10.1	7.7	3.1	2.5	8.9	7.0	9.7	9.4	7.8	6.5	2.8
Louisville	6.7	8.9	9.6	11.1	9.0	4.4	4.9	9.1	8.8	9.9	11.9	9.7	5.0	5.2
Memphis	5.8	8.8	10.2	9.1	8.6	5.5	4.6	6.7	8.9	8.2	10.5	9.0	7.8	5.3
Miami	5.4	11.4	8.7	8.2	10.1	3.6	4.0	6.2	13.4	6.4	8.4	11.1	5.6	4.0
New Orleans	6.9	11.5	8.5	8.3	7.5	3.2	2.8	11.3	10.1	9.7	10.7	6.5	9.8	3.8
Norfolk-Virginia Beach-Portsmouth	7.3	8.2	5.3	7.7	8.1	4.9	3.0	9.3	8.7	11.0	7.9	9.4	7.0	4.7
Oklahoma City	5.3	11.2	10.0	10.3	9.1	7.8	4.3	10.6	9.1	12.9	14.3	10.7	6.6	4.3
Richmond	8.7	8.8	8.7	12.7	11.0	4.9	3.6	11.9	8.5	9.4	11.2	15.1	8.1	5.6
San Antonio	11.0	9.9	7.9	8.5	9.8	4.1	3.1	8.9	9.0	8.3	9.3	12.9	8.5	4.8
Washington	4.6	4.8	7.6	7.6	13.9	4.1	2.8	10.2	7.2	7.2	7.3	13.0	(4)	(4)

See footnotes at end of table.

Table 98. Percent increases in average straight-time hourly earnings,[1] selected occupational groups in metropolitan areas, 1977-83[2]—Continued

Region and area	Unskilled plant[7]													
	All industries							Manufacturing						
	1977	1978	1979	1980	1981	1982	1983	1977	1978	1979	1980	1981	1982	1983
North Central														
Akron	8.2	9.2	(4)	(4)	(4)	(4)	(4)	8.0	9.0	(4)	(4)	(4)	(4)	(4)
Canton	11.2	9.1	(4)	(4)	(4)	(4)	(4)	11.4	8.7	(4)	(4)	(4)	(4)	(4)
Chicago	10.4	8.7	8.3	11.8	9.7	6.8	5.5	10.1	9.1	8.7	10.7	10.0	10.7	6.3
Cincinnati	8.7	9.1	8.2	10.4	9.3	6.5	3.3	8.8	8.3	7.7	11.2	9.3	9.2	5.2
Cleveland	9.0	8.3	10.1	12.2	9.5	6.4	3.2	10.9	8.5	11.1	13.2	9.3	5.6	4.3
Columbus	7.4	9.2	10.3	9.5	9.1	5.3	2.2	9.8	8.5	11.0	12.0	9.3	7.6	2.2
Devenport-Rock Island-Moline	8.9	9.2	8.9	11.1	11.2	9.9	1.8	8.1	9.8	9.4	11.5	11.4	11.0	1.8
Dayton	8.6	9.0	10.3	10.3	9.0	3.1	2.2	9.5	8.9	10.9	11.1	9.7	3.4	3.9
Detroit	8.2	7.9	10.2	11.6	9.8	4.3	4.3	8.8	8.5	10.6	12.9	10.1	6.6	3.1
Green Bay	8.4	9.5	9.0	10.1	11.0	5.8	4.6	9.8	9.2	8.8	10.1	11.3	7.5	4.5
Indianapolis	8.2	9.2	10.2	11.8	8.1	5.3	4.8	10.1	7.8	12.1	13.9	8.8	5.6	5.8
Kansas City	7.7	8.1	7.9	10.4	9.1	5.5	3.4	10.3	8.8	9.0	11.0	10.3	6.1	4.5
Milwaukee	7.2	10.0	8.0	11.0	9.7	6.1	4.0	8.2	10.3	9.2	10.6	10.2	8.4	5.8
Minneapolis-StPaul	8.9	8.1	8.1	10.8	11.1	8.0	5.9	8.3	9.5	8.7	9.9	11.1	10.5	7.2
Omaha	6.5	8.4	9.1	9.8	7.2	5.5	.4	10.2	8.0	8.7	11.0	8.1	6.8	-4.1
Saginaw	7.4	8.3	11.0	12.4	10.0	4.1	1.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)
St. Louis	8.4	8.6	8.6	11.2	9.3	6.2	4.5	9.0	7.5	9.1	11.9	10.1	9.7	5.8
South Bend	10.8	8.7	12.2	11.3	9.1	5.6	1.6	15.5	9.3	10.2	12.8	9.0	7.5	.9
Toledo	7.9	9.3	7.6	11.3	11.5	5.2	2.7	8.0	9.7	9.6	11.2	13.4	7.0	1.7
Wichita	7.7	9.2	13.1	11.2	10.9	8.3	7.2	3.7	6.3	10.3	14.7	11.3	12.6	8.0
West														
Anaheim-Santa Ana-Garden Grove	5.5	6.9	8.7	8.0	8.7	6.6	7.2	7.3	5.6	9.4	10.0	12.7	7.8	6.1
Billings	6.1	6.4	12.5	10.4	9.3	(4)	(4)	(4)	(4)	(4)	(4)	10.5	7.7	2.0
Denver-Boulder	9.5	7.7	10.3	10.5	8.5	5.3	1.8	8.9	8.4	10.6	8.2	10.1	6.3	8.4
Fresno	6.6	7.0	6.7	9.7	9.4	5.0	.5	5.2	5.6	7.5	14.8	10.2	4.6	5.3
Los Angeles-Long Beach	6.7	8.2	11.7	9.8	9.9	5.1	4.3	5.7	7.1	8.5	13.0	9.9	8.4	3.6
Portland	7.8	7.7	8.6	9.1	11.6	6.5	.8	9.7	8.4	7.2	10.2	8.8	5.8	4.9
Sacramento	7.8	8.4	8.1	9.3	7.4	3.7	(4)	9.6	8.6	7.6	10.2	10.7	3.4	5.5
Salt Lake City-Ogden	8.0	10.0	11.2	11.8	8.1	3.9	.5	8.5	7.3	7.8	11.1	12.5	6.7	4.0
San Diego	5.9	7.2	8.3	9.4	9.1	5.6	.9	(4)	(4)	(4)	(4)	(4)	(4)	(4)
San Francisco-Oakland	7.1	8.0	9.0	9.9	12.3	8.5	8.5	8.1	9.7	10.0	9.9	11.8	9.1	5.0
San Jose	6.7	7.5	9.2	8.5	9.3	8.6	6.3	8.0	7.8	(4)	10.4	11.0	11.3	6.1
Seattle-Everett	7.1	9.4	9.3	9.9	8.1	7.9	2.0	9.2	8.7	10.2	(4)	(4)	(4)	(4)

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[1] Earnings of all workers relate to hourly earnings excluding premiun pay for overtime and work on weekends, holidays and late shifts.

[2] Relates to calender years. Percent increases reflect 12-month periods ending at various times from January through December. For surveys conducted at other than 12-month intervals, the percents were computed by converting increases to annual rate.

[3] Includes accounting clerks; file clerks; order clerks; payroll clerks; keypunch operators, messengers; secretaries; srenographers; switchboard operators; and typist. Before 1979, bookkeeping machime operators, class B, were included.

[4] Data do not meet publication criteria or data not available.

[5] Includes computer systems analyst, computer programers and computer operators.

[6] Includes maintenance carpenters, electricians, machinist, mechanics (machinery), mechanics (motor vehicles), painters, pipefitters, and tool and die makers.

[7] Includes janitors and porters and cleaners and material handling laborers.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961–82

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 188 Standard Metropolitan Statistical Areas = 100							
LATE 1961-EARLY 1962								
Northeast:								
Areas with 1,000,000 or more population:								
Boston	93	91	96	93	93	96	93	100
Buffalo	100	100	96	102	102	110	111	100
Newark and Jersey City	100	97	102	101	102	111	111	108
New York City	102	101	104	99	101	104	100	108
Paterson-Clifton-Passaic	99	96	97	97	96	103	95	107
Philadelphia	95	94	94	99	98	100	100	100
Pittsburgh	107	110	100	105	106	111	111	109
Areas with 250,000 but less than 1,000,000 population								
Albany-Schenectady-Troy	98	96	99	96	96	96	90	104
Allentown-Bethlehem-Easton	104	101	93	93	94	107	104	106
New Haven	98	93	101	90	90	91	92	94
Providence-Pawtucket	83	81	82	83	82	86	78	99
Trenton	98	98	–	97	96	96	95	92
Worcester	91	90	86	90	91	94	85	99
Areas with less than 250,000 population:								
Lawrence-Haverhill	91	87	–	86	87	90	85	–
Manchester	79	–	82	–	–	75	69	82
Portland	83	–	85	81	–	89	87	88
Scranton	91	81	94	89	87	90	83	97
Waterbury	100	97	–	91	91	98	98	90
York	92	90	–	86	86	91	87	100
South:								
Areas with 1,000,000 or more population								
Atlanta	95	97	97	92	91	75	78	78
Baltimore	94	99	91	99	99	96	102	85
Dallas	93	94	94	91	89	78	81	78
Houston	100	99	102	101	103	73	81	72
Washington	100	–	103	95	–	85	84	89
Areas with 250,000 but less than 1,000,000 population								
Beaumont-Port Arthur	111	119	98	105	107	94	104	77
Birmingham	93	103	89	102	102	82	92	72
Charleston, W. Va	107	119	92	107	108	108	116	95
Charlotte	86	83	89	–	–	73	61	80
Chattanooga	87	85	87	86	86	78	80	65
Fort Worth	91	98	85	92	94	79	92	68
Jacksonville	87	–	90	87	–	72	73	76
Louisville	91	94	93	105	106	100	102	93
Memphis	87	89	87	91	90	74	75	77
Miami	90	83	93	85	–	76	72	83
New Orleans	89	93	90	95	96	69	82	66
Norfolk-Portsmouth and Newport News-Hampton	92	–	88	90	–	81	91	74
Oklahoma City	88	–	90	–	–	83	81	87
Richmond	94	96	95	95	95	77	80	74
San Antonio	82	–	84	–	–	64	65	66
Wilmington	113	112	93	103	104	110	108	104
Areas with less than 250,000 population:								
Greenville	80	79	–	69	–	63	59	74
Jackson	82	–	84	–	–	61	63	62
Little Rock-North Little Rock	80	–	83	83	–	69	68	69
Lubbock	83	–	86	–	–	66	60	71
Raleigh	84	–	87	–	–	66	63	73
Savannah	96	–	102	97	–	74	76	74
North Central:								
Areas with 1,000,000 or more population:								
Chicago	106	102	109	107	105	106	101	111
Cincinnati	97	95	95	98	99	102	102	100
Cleveland	106	105	105	103	103	111	111	106

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 188 Standard Metropolitan Statistical Areas = 100							
North Central: —Continued								
Areas with 1,000,000 or more population:								
Detroit	114	119	106	109	110	117	119	106
Kansas City	99	97	100	102	102	101	105	99
Milwaukee	99	99	97	105	105	111	108	109
Minneapolis-St. Paul	94	90	97	101	101	110	106	112
St. Louis	99	96	100	104	104	103	103	103
Areas with 250,000 but less than 1,000,000 population:								
Akron	104	104	94	105	105	124	121	115
Canton	101	100	-	99	100	112	111	99
Columbus	96	97	94	99	99	94	98	88
Davenport-Rock Island-Moline	103	107	95	107	108	111	111	101
Dayton	106	104	102	104	104	109	110	96
Des Moines	85	90	86	101	101	103	107	94
Indianapolis	99	102	96	100	101	97	100	94
Omaha	95	94	97	98	98	103	100	105
Toledo	106	103	102	105	105	113	108	114
Wichita	101	-	93	94	95	97	100	87
Areas with less than 250,000 population:								
Green Bay	91	-	-	87	86	104	97	111
Muskegon-Muskegon Heights	97	94	-	95	94	109	106	-
Rockford	95	91	-	91	91	99	93	113
Sioux Falls	-	-	-	-	-	95	97	-
South Bend	99	100	-	104	104	117	116	110
Waterloo	104	103	-	101	-	111	111	98
West:								
Areas with 1,000,000 or more population:								
Los Angeles-Long Beach	110	109	112	105	105	111	109	113
San Francisco-Oakland	109	110	110	112	112	122	119	128
Seattle	105	106	103	101	99	113	109	118
Areas with 250,000 but less than 1,000,000 population:								
Albuquerque	98	-	102	-	-	95	83	102
Denver	97	95	100	100	99	102	105	103
Phoenix	94	99	92	103	-	90	91	88
Portland	100	96	103	105	105	109	105	113
Salt Lake City	93	-	94	99	-	95	91	96
San Bernardino-Riverside-Ontario	103	105	102	102	103	99	101	99
Spokane	100	-	98	-	-	110	117	107
	Average pay levels for each industry and occupational group in 212 Standard Metropolitan Statistical Areas = 100							
MARCH 1963-FEBRUARY 1964								
Northeast:								
Areas with 1,000,000 population or more:								
Boston	93	91	95	94	94	97	93	101
Buffalo	101	100	97	100	100	110	111	100
Newark and Jersey City	101	98	102	102	103	110	112	108
New York	103	102	105	101	102	106	103	109
Paterson-Clifton-Passaic	100	99	98	97	98	105	97	108
Philadelphia	96	96	98	99	99	102	101	102
Pittsburgh	104	108	100	101	102	109	110	106
Areas with 250,000 but less than 1,000,000 population:								
Albany-Schenectady-Troy	98	96	99	96	96	97	92	104
Allentown-Bethlehem-Easton	105	103	-	92	94	105	102	104
New Haven	99	95	101	90	91	94	96	93
Providence-Pawtucket	85	83	85	85	84	86	78	98
Trenton	97	96	-	96	95	99	97	101
Worcester	92	91	86	90	90	96	89	98

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 212 Standard Metropolitan Statistical Areas = 100							
Northeast:—Continued								
Areas with less than 250,000 population:								
Lawrence-Haverhill	91	-	-	88	89	91	87	97
Manchester	81	-	-	-	-	77	72	83
Portland	84	-	85	81	81	86	88	82
Scranton	91	81	96	90	88	93	83	99
Waterbury	99	95	-	91	90	99	100	91
York	92	89	-	86	85	91	86	99
South:								
Areas with 1,000,000 population or more:								
Atlanta	97	98	99	93	92	77	80	79
Baltimore	97	101	95	97	98	95	103	87
Dallas	93	94	94	91	90	79	81	79
Houston	100	101	100	100	101	75	85	72
Washington	101	-	104	96	-	88	89	90
Areas with 250,000 but less than 1,000,000 population:								
Beaumont-Port Arthur	113	-	100	105	106	97	104	83
Birmingham	95	101	92	102	103	81	92	72
Charleston. W. Va	107	-	-	105	106	109	115	101
Charlotte	88	-	89	-	-	72	62	75
Chattanooga	87	87	87	85	84	79	80	69
Fort Worth	91	97	87	92	94	79	89	69
Jacksonville	89	-	92	86	-	73	73	74
Louisville	95	94	95	104	105	99	103	94
Memphis	88	90	88	92	91	75	76	75
Miami	91	-	95	86	-	74	71	79
New Orleans	93	97	92	97	98	70	81	68
Norfolk-Portsmouth and Newport News-Hampton	93	-	88	-	-	80	91	70
Oklahoma City	90	89	91	-	-	84	80	87
Richmond	94	95	95	94	93	77	81	73
San Antonio	82	-	84	-	-	65	66	66
Areas with less than 250,000 population:								
Greenville	82	-	-	69	-	63	59	72
Jackson	84	-	86	-	-	66	66	67
Little Rock-North Little Rock	82	-	84	81	77	69	69	69
Lubbock	-	-	-	-	-	66	62	69
Raleigh	84	-	87	-	-	66	63	71
Savannah	98	-	-	97	97	76	76	76
North Central:								
Areas with 1,000,000 population or more:								
Chicago	106	102	106	107	105	106	101	111
Cincinnati	98	96	97	98	98	104	104	100
Cleveland	106	105	105	104	104	111	112	106
Detroit	115	120	106	109	111	119	120	108
Kansas City	97	96	99	103	102	99	104	96
Milwaukee	100	100	98	106	105	111	110	106
Minneapolis-St. Paul	94	89	97	103	103	110	107	112
St. Louis	99	96	100	105	104	102	104	101
Areas with 250,000 but less than 1,000,000 population:								
Akron	104	105	95	103	104	123	119	116
Canton	98	97	-	98	98	109	109	96
Columbus	95	98	93	100	100	98	95	91
Davenport-Rock Island-Moline	103	106	94	107	108	112	112	101
Dayton	105	103	102	103	103	105	108	93
Des Moines	88	91	89	101	101	103	109	93
Indianapolis	98	103	94	103	103	100	104	92
Omaha	96	94	98	98	99	103	101	104
Toledo	103	101	101	103	103	111	109	109
Wichita	99	100	-	94	93	99	100	93
Areas with less than 250,000 population:								
Green Bay	92	-	-	89	-	108	102	114
Muskegon-Muskegon Heights	98	95	-	95	94	112	110	-
Rockford	94	90	-	90	90	97	93	107

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 212 Standard Metropolitan Statistical Areas = 100							
North Central:—Continued								
Areas with less than 250,000 population:								
Sioux Falls	-	-	-	-	-	99	100	-
South Bend	98	101	92	104	104	117	116	107
Waterloo	104	-	-	103	-	114	114	102
West:								
Areas with 1,000,000 population or more:								
Los Angeles-Long Beach	111	110	112	105	105	112	108	115
San Diego	106	112	100	105	105	114	119	112
San Francisco-Oakland	110	110	111	114	114	125	122	129
Seattle	106	108	103	102	101	118	113	120
Areas with 250,000 but less than 1,000,000 population:								
Albuquerque	95	-	98	-	-	97	90	103
Denver	99	97	101	100	100	104	106	103
Phoenix	95	97	94	104	-	94	93	94
Portland	98	93	102	103	103	110	104	116
Salt Lake City	95	94	96	99	99	94	95	95
San Bernardino-Riverside-Ontario	103	-	103	108	110	99	104	92
Spokane	99	-	97	104	-	110	115	109
	Average pay levels for each industry and occupational group in 221 Standard Metropolitan Statistical Areas = 100							
MARCH 1965-FEBRUARY 1966								
Northeast:								
Areas with 1,000,000 population or more:								
Boston	95	93	97	95	95	93	91	96
Buffalo	101	102	97	101	101	110	110	102
Newark and Jersey City	101	99	102	102	101	108	110	106
New York	104	103	106	102	103	108	105	111
Paterson-Clifton-Passaic	101	99	98	98	99	103	96	105
Philadelphia	96	96	95	99	99	103	102	103
Pittsburgh	103	103	102	102	102	108	109	106
Areas with 250,000 but less than 1,000,000 population:								
Albany-Schenectady-Troy	98	95	99	96	95	94	90	102
Allentown-Bethlehem-Easton	105	105	-	92	92	105	102	101
New Haven	99	93	103	90	89	91	93	91
Providence-Pawtucket	86	84	87	86	84	85	79	92
Trenton	98	96	-	96	95	98	99	96
Worcester	90	90	86	88	89	96	91	97
York	92	92	-	86	84	88	84	94
Areas with less than 250,000 population:								
Lawrence-Haverhill	91	-	-	88	-	91	87	98
Manchester	82	-	-	-	-	80	74	83
Portland	84	-	86	82	83	86	86	83
Scranton	85	80	-	89	-	93	87	94
Waterbury	99	96	-	90	90	97	97	92
South:								
Areas with 1,000,000 population or more:								
Atlanta	98	99	100	95	94	78	81	76
Baltimore	97	98	96	98	99	95	102	86
Dallas	93	94	95	91	91	78	81	77
Houston	98	99	99	99	100	77	86	73
Washington	103	-	106	98	-	86	87	87
Areas with 250,000 but less than 1,000,000 population:								
Beaumont-Port Arthur	112	117	-	103	105	96	101	79
Birmingham	92	95	92	99	100	80	91	70
Charleston, W. Va	105	109	100	104	104	104	111	97
Charlotte	89	-	91	-	-	75	64	79
Chattanooga	87	-	85	86	86	81	83	70
Fort Worth	92	-	89	95	97	79	87	67

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 221 Standard Metropolitan Statistical Areas = 100							
South:—Continued								
Areas with 250,000 but less than 1,000,000 population:								
Greenville	83	-	-	72	-	66	62	72
Jacksonville	89	-	92	87	-	71	73	73
Louisville	96	96	96	103	103	99	103	93
Memphis	88	89	88	92	91	76	78	75
Miami	92	-	95	87	-	72	71	74
New Orleans	93	100	91	97	97	72	85	69
Norfolk-Portsmouth and Newport News-Hampton	94	-	89	91	-	80	91	73
Oklahoma City	90	88	92	-	-	79	79	80
Richmond	96	96	97	95	96	78	83	72
San Antonio	83	-	84	-	-	64	67	64
Areas with less than 250,000 population:								
Jackson	86	-	88	-	-	67	66	71
Little Rock-North Little Rock	83	-	85	83	78	70	66	-
Lubbock	85	-	89	-	-	68	65	72
Raleigh	86	-	88	-	-	67	64	70
Savannah	98	-	-	98	98	77	76	77
North Central:								
Areas with 1,000,000 population or more:								
Chicago	105	103	107	108	105	106	99	111
Cincinnati	98	95	97	98	98	103	103	98
Cleveland	104	103	103	102	103	109	111	105
Detroit	114	119	106	109	110	118	120	104
Kansas City	98	96	99	104	104	100	106	94
Milwaukee	100	100	99	106	105	109	109	103
Minneapolis-St. Paul	93	88	96	103	103	109	107	110
St. Louis	98	96	98	104	104	104	105	103
Areas with 250,000 but less than 1,000,000 population:								
Akron	104	105	95	104	104	126	119	115
Canton	96	94	-	95	96	105	105	96
Columbus	95	97	94	100	100	96	97	94
Davenport-Rock Island-Moline	103	105	96	106	107	112	111	104
Dayton	104	104	99	103	103	107	110	95
Des Moines	88	93	89	102	102	102	109	88
Indianapolis	97	100	95	103	103	101	101	99
Omaha	94	-	97	98	99	99	99	99
South Bend	96	97	-	100	100	113	113	107
Toledo	101	100	99	102	103	109	106	109
Wichita	98	97	-	94	94	99	99	93
Youngstown-Warren	102	103	-	105	106	110	107	109
Areas with less than 250,000 population:								
Green Bay	-	-	-	-	-	108	103	114
Muskegon-Muskegon Heights	98	95	-	94	93	110	108	-
Rockford	93	89	-	91	91	98	94	102
Sioux Falls	-	-	-	-	-	99	101	-
Waterloo	106	-	-	103	-	113	113	99
West:								
Areas with 1,000,000 population or more:								
Los Angeles-Long Beach	111	111	112	106	106	114	110	117
San Diego	106	-	101	107	107	116	117	116
San Francisco-Oakland	110	109	112	113	114	125	121	130
Seattle-Everett	105	107	104	-	-	119	118	120
Areas with 250,000 but less than 1,000,000 population:								
Albuquerque	96	-	99	-	-	98	90	103
Denver	98	96	100	99	99	104	109	102
Phoenix	96	100	95	102	-	90	95	88
Portland	100	96	103	104	104	111	107	116
Salt Lake City	96	95	97	99	99	93	102	93
San Bernardino-Riverside-Ontario	107	-	107	103	104	98	101	94
San Jose	111	108	111	109	110	114	111	118
Spokane	98	-	97	106	-	109	114	108

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961–82—Continued

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 221 Standard Metropolitan Statistical Areas = 100							
West:—Continued								
Areas with less than 250,000 population:								
Boise City	91	-	94	-	-	102	88	105
	Average pay levels for each industry and occupational group in 227 Standard Metropolitan Statistical Areas = 100							
MARCH 1967-FEBRUARY 1968								
Northeast:								
Areas with 1,000,000 population or more:								
Boston	95	93	98	95	95	94	93	96
Buffalo	101	101	99	104	105	106	105	101
Newark and Jersey City	100	99	101	101	101	105	106	104
New York	103	102	105	101	102	108	101	112
Paterson-Clifton-Passaic	99	98	97	98	98	107	98	109
Philadelphia	97	96	97	97	97	104	100	105
Pittsburgh	101	101	100	99	99	107	105	110
Areas with 250,000 but less than 1,000,000 population:								
Albany-Schenectady-Troy	99	96	101	97	96	98	92	104
Allentown-Bethlehem-Easton [2]	104	103	-	92	92	103	101	99
New Haven	98	93	102	89	88	89	94	90
Providence-Pawtucket-Warwick	88	85	90	87	85	83	80	86
Trenton	96	95	-	97	97	101	99	107
Worcester	92	91	92	91	92	98	97	87
York	93	92	-	87	85	93	87	97
Areas with less than 250,000 population:								
Lawrence-Haverhill	-	-	-	89	91	93	88	104
Manchester	83	-	-	-	-	80	71	-
Portland	85	-	86	81	82	84	85	81
Scranton	86	81	-	88	-	93	83	98
Waterbury	97	95	-	89	89	91	92	-
South:								
Areas with 1,000,000 population or more:								
Atlanta	100	99	101	95	94	79	83	78
Baltimore	97	98	96	99	100	91	101	87
Dallas	94	93	95	91	91	80	80	81
Houston	99	98	101	99	100	79	88	75
Washington	102	-	104	94	-	85	86	87
Areas with 250,000 but less than 1,000,000 population:								
Beaumont-Port Arthur-Orange	112	118	-	105	106	93	103	79
Birmingham	92	95	92	98	98	77	89	71
Charleston, W. Va.	102	-	-	102	103	93	106	78
Charlotte	90	-	92	-	-	81	66	88
Chattanooga	88	87	87	84	85	84	85	79
Fort Worth	95	-	87	95	97	84	89	74
Greenville	84	81	-	72	71	68	65	72
Jacksonville	90	-	91	-	-	76	73	82
Little Rock-North Little Rock	84	-	85	90	88	72	71	74
Louisville	95	96	95	103	104	99	102	86
Memphis	88	87	89	93	92	81	84	79
Miami	90	86	92	87	-	71	72	72
New Orleans	95	101	94	96	96	78	85	77
Norfolk-Portsmouth and Newport News-Hampton	92	-	87	88	-	77	86	74
Oklahoma City	91	-	93	90	-	84	84	88
Richmond	92	-	92	92	92	80	83	79
San Antonio	85	-	87	-	-	67	71	67
Tampa-St. Petersburg	89	-	91	88	-	72	75	72
Areas with less than 250,000 population:								
Jackson	86	-	88	-	-	73	71	75
Lubbock	86	-	88	-	-	68	64	72
Midland and Odessa	99	-	102	-	-	-	-	-

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961–82—Continued

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 227 Standard Metropolitan Statistical Areas = 100							
South:—Continued								
Areas with less than 250,000 population:								
Raleigh	85	–	87	–	–	69	65	72
Savannah	92	–	–	–	–	77	77	–
North Central:								
Areas with 1,000,000 population or more:								
Chicago	104	101	107	106	104	107	99	112
Cincinnati	97	95	98	98	98	102	105	97
Cleveland	102	102	101	102	102	108	109	103
Detroit	116	122	109	114	116	122	122	112
Kansas City	96	96	97	104	104	105	108	100
Milwaukee	99	98	97	106	106	111	109	111
Minneapolis-St. Paul	93	89	95	104	104	109	105	111
St. Louis	98	97	99	104	105	106	106	105
Areas with 250,000 but less than 1,000,000 population:								
Akron	101	102	94	102	103	120	116	107
Canton	92	92	–	95	96	106	104	96
Columbus	92	98	89	98	98	94	98	93
Davenport-Rock Island-Moline	103	104	98	104	105	114	111	106
Dayton	105	105	100	106	107	107	110	98
Des Moines	89	91	90	103	103	101	110	88
Indianapolis	98	101	94	104	105	100	103	96
Des Moines	89	91	90	103	103	101	110	88
Indianapolis	98	101	94	104	105	100	103	96
Omaha	93	90	96	98	98	91	97	92
South Bend	93	97	–	99	99	108	109	99
Toledo	105	105	100	104	104	112	110	109
Wichita	99	99	95	94	94	97	96	89
Youngstown-Warren	102	102	–	105	106	107	106	103
Areas with less than 250,000 population:								
Green Bay	93	–	–	91	–	110	106	109
Muskegon-Muskegon Heights	98	95	–	93	93	111	108	–
Rockford	94	91	–	92	92	101	100	96
Sioux Falls	89	–	–	–	–	99	102	87
Waterloo	104	–	–	108	–	119	117	–
West:								
Areas with 1,000,000 population or more:								
Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove	112	112	112	105	105	114	107	120
San Diego	104	108	99	107	107	110	115	107
San Francisco-Oakland	109	110	111	113	112	126	121	131
Seattle-Everett	106	106	103	104	104	120	118	120
Areas with 250,000 but less than 1,000,000 population:								
Albuquerque	95	–	98	–	–	97	89	104
Denver	97	97	99	98	97	101	101	102
Phoenix	96	99	93	101	100	87	94	85
Portland	100	94	103	102	102	113	106	116
Salt Lake City	93	–	94	96	95	90	101	90
San Bernardino-Riverside-Ontario	106	–	106	100	101	101	105	95
San Jose	112	110	109	108	106	116	112	122
Spokane	98	–	97	–	–	111	110	111
Areas with less than 250,000 population:								
Boise City	91	–	90	–	–	99	81	106

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 229 Standard Metropolitan Statistical Areas = 100							
MARCH 1969-FEBRUARY 1970								
Northeast:								
Areas with 1,000,000 population or more:								
Boston	97	95	99	95	94	95	93	99
Buffalo	100	101	97	103	103	106	106	101
Newark and Jersey City	101	100	101	101	100	105	107	103
New York	105	102	107	100	101	108	103	112
Paterson-Clifton-Passaic	99	98	98	98	98	105	98	105
Philadelphia	97	97	96	96	97	103	100	104
Pittsburgh	101	102	98	98	98	106	106	106
Areas with 250,000 but less than 1,000,000 population:								
Albany-Schenectady-Troy	99	-	100	97	97	102	95	107
Allentown-Bethlehem-Easton	102	102	94	91	91	102	98	100
Binghamton [3]	95	-	-	86	-	82	80	-
New Haven	98	93	101	88	87	90	92	90
Providence-Pawtucket-Warwick	88	86	89	87	85	83	78	88
Rochester	109	109	99	([4])	([4])	([4])	([4])	([4])
Syracuse	94	94	94	95	93	96	98	94
Trenton	97	95	-	94	94	99	96	106
Utica-Rome	93	91	-	88	87	89	90	84
Worcester	93	91	95	89	89	95	94	-
York	91	91	-	88	86	96	88	99
Areas with less than 250,000 population:								
Lawrence-Haverhill	95	-	-	90	90	92	86	106
Manchester	84	-	-	78	-	86	73	92
Portland	86	-	86	82	83	88	84	90
Scranton	87	84	-	85	-	94	81	104
Waterbury	97	95	-	89	88	88	89	-
South:								
Areas with 1,000,000 population or more:								
Atlanta	99	99	100	96	94	80	83	79
Baltimore	97	99	96	98	99	93	101	88
Dallas	94	93	96	94	94	84	84	85
Houston	100	100	101	99	99	80	91	75
Miami	93	-	95	89	-	75	75	78
New Orleans	93	-	93	95	95	77	88	75
Washington	104	101	106	98	-	85	92	87
Areas with 250,000 but less than 1,000,000 population:								
Beaumont-Port Arthur-Orange	110	116	-	104	105	98	108	84
Birmingham	91	94	90	94	95	77	86	70
Charlotte	92	-	94	-	-	82	69	87
Chattanooga	86	86	85	83	83	84	84	72
Fort Worth	97	99	91	96	98	87	92	78
Greenville	85	83	87	73	72	72	67	82
Jackson	85	-	86	-	-	72	70	75
Jacksonville	90	-	91	84	-	75	77	77
Little Rock-North Little Rock	85	87	85	91	90	73	71	74
Louisville	94	94	93	102	103	98	101	90
Memphis	89	90	89	93	92	83	86	77
Norfolk-Portsmouth and Newport News-Hampton	89	-	85	91	-	78	84	75
Oklahoma City	90	89	91	90	-	81	81	84
Richmond	91	94	91	90	-	81	81	82
San Antonio	83	-	84	-	-	69	71	69
Tampa-St. Petersburg	88	83	90	87	85	74	79	73
Areas with less than 250,000 population:								
Charleston, W. Va.	99	-	94	98	98	85	102	75
Lubbock	85	-	87	-	-	73	67	76
Midland and Odessa	98	-	101	-	-	-	-	-
Raleigh	86	-	87	-	-	72	68	74
Savannah	93	-	-	-	-	78	76	76

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 229 Standard Metropolitan Statistical Areas = 100							
North Central:								
Areas with 1,000,000 population or more:								
Chicago	105	102	107	106	104	108	101	113
Cincinnati	96	95	94	98	99	100	104	96
Cleveland	101	101	100	104	104	108	109	104
Detroit	116	122	109	114	116	122	121	114
Indianapolis	98	102	94	104	104	102	103	97
Kansas City	96	95	97	103	104	103	106	99
Milwaukee	99	98	97	106	106	108	107	106
Minneapolis-St. Paul	93	90	95	106	106	107	104	110
St. Louis	98	98	98	105	106	105	107	102
Areas with 250,000 but less than 1,000,000 population:								
Akron	101	102	97	102	102	119	114	108
Canton	92	93	-	93	93	107	104	103
Columbus	95	97	93	99	98	94	96	95
Davenport-Rock Island-Moline	105	106	98	109	110	115	113	107
Dayton	103	106	97	106	107	108	109	96
Des Moines	88	92	88	101	101	100	110	87
Omaha	91	89	93	95	96	88	94	89
Rockford	95	93	-	95	97	105	102	-
South Bend	92	94	-	100	100	103	101	99
Toledo	106	106	101	104	106	112	111	106
Wichita [5]	101	102	97	97	95	101	102	94
Youngstown-Warren	101	102	-	104	106	105	105	101
Areas with less than 250,000 population:								
Green Bay	92	-	-	92	-	113	107	112
Muskegon-Muskegon Heights	101	99	-	95	94	114	112	-
Sioux Falls	-	-	-	-	-	102	105	91
Waterloo	105	-	-	107	-	121	119	-
West:								
Areas with 1,000,000 population or more:								
Denver	97	98	98	98	97	99	103	99
Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove	110	111	110	106	105	110	102	116
San Bernardino-Riverside-Ontario	107	109	106	103	103	100	106	86
San Diego	104	107	100	109	109	109	-	-
San Francisco-Oakland	109	108	110	115	115	124	122	128
San Jose	110	110	107	110	111	115	113	115
Seattle-Everett	105	107	102	106	107	119	120	119
Areas with 250,000 but less than 1,000,000 population:								
Albuquerque	90	-	92	-	-	87	81	91
Phoenix	95	99	92	98	98	88	90	87
Portland	98	94	100	105	105	113	104	117
Salt Lake City	91	93	91	94	93	88	96	88
Spokane	96	-	94	105	105	106	106	108
Areas with less than 250,000 population:								
Boise City	90	-	92	-	-	93	85	-

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Electronic data processing			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 229 Standard Metropolitan Statistical Areas = 100										
MARCH 1971-FEBRUARY 1972											
Akron, Ohio	101	102	96	99	98	–	104	105	124	118	113
Albany-Schenectady-Troy,N.Y.	100	–	102	–	–	–	96	96	104	96	110
Albuquerque, N. Mex	88	–	90	–	–	–	–	–	78	81	77
Allentown-Bethlehem-Easton, Pa.-N.J.	101	102	92	96	–	–	93	94	107	100	110
Atlanta, Ga	100	97	101	99	–	101	96	94	80	88	78
Baltimore, Md	99	104	97	96	–	97	98	99	90	104	84
Beaumont-Port Arthur-Orange, Tex	111	117	–	–	–	–	100	102	97	107	82
Binghamton, N.Y. [3]	96	–	–	–	–	–	85	83	79	76	–
Birmingham, Ala	90	94	89	–	–	–	93	93	76	84	71
Boise City, Idaho	90	–	91	92	–	–	–	–	88	–	96
Boston, Mass	98	98	99	98	99	98	97	97	94	95	96
Buffalo,N.Y.	101	102	97	96	–	–	103	103	107	106	101
Canton, Ohio	92	92	–	88	–	–	93	94	104	99	103
Charleston, W.Va	96	–	–	–	–	–	98	98	77	100	67
Charlotte, N.C.	92	86	94	95	–	96	–	–	80	72	83
Chattanooga, Tenn.-Ga	86	87	84	85	–	–	84	85	83	84	68
Chicago, Ill	105	101	106	102	99	104	107	105	111	101	117
Cincinnati, Ohio-Ky.-Ind	97	97	95	95	–	93	99	99	100	106	93
Cleveland, Ohio	102	101	100	101	98	101	103	104	110	111	101
Columbus, Ohio	92	95	91	92	–	93	98	97	89	93	88
Dallas. Tex	94	94	95	93	–	94	90	89	80	82	79
Davenport-Rock Island-Moline, Iowa-Ill	106	106	100	106	–	–	108	110	115	113	107
Dayton, Ohio	105	105	100	102	102	–	105	106	112	112	100
Denver, Colo	98	100	98	99	101	97	100	100	97	102	97
Des Moines, Iowa	88	92	87	87	–	87	101	101	101	112	90
Detroit, Mich	119	125	113	117	120	112	116	118	127	125	119
Fort Worth, Tex	93	95	90	101	–	–	93	95	81	88	74
Green Bay, Wis	94	–	–	–	–	–	92	–	115	109	110
Greenville, S.C.	84	81	86	–	–	–	72	72	69	64	76
Houston, Tex	98	98	99	99	–	100	98	98	77	88	73
Huntsville, Ala	97	–	94	–	–	–	88	–	71	68	75
Indianapolis, Ind	98	104	92	98	106	91	105	105	106	107	100
Jackson, Miss	84	–	85	–	–	–	–	–	67	69	–
Jacksonville, Fla	89	–	91	89	–	90	83	–	77	77	79
Kansas City, Mo.-Kans	97	95	97	104	–	105	106	105	108	108	106
Lawrence-Haverhill, Mass.-N.H.	96	–	–	–	–	–	89	89	91	86	–
Little Rock-North Little Rock, Ark	82	–	81	–	–	–	93	92	73	71	73
Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove, Calif	108	108	108	107	106	108	104	105	112	106	118
Louisville, Ky.-Ind	93	95	91	97	103	–	102	103	98	100	89
Lubbock, Tex	83	–	86	–	–	–	–	–	72	71	70
Manchester, N.H	84	–	86	–	–	–	77	–	89	76	95
Memphis, Tenn.-Ark	90	91	90	–	–	–	93	92	82	90	72
Miami, Fla	96	90	98	99	–	100	92	84	75	75	76
Midland and Odessa, Tex	97	–	102	–	–	–	–	–	–	–	–
Milwaukee, Wis	98	97	97	96	95	97	107	107	106	109	105
Minneapolis-St. Paul, Minn	94	91	96	95	97	94	108	107	114	106	118
Muskegon-Muskegon Heights, Mich	102	99	–	–	–	–	93	92	110	106	–
Newark and Jersey City, N.J.	102	101	102	102	103	102	101	100	107	107	108
New Haven, Conn	97	93	100	–	–	–	90	89	86	96	76
New Orleans, La	91	93	92	98	–	99	91	90	73	87	70
New York,N.Y.	109	105	111	109	108	111	101	101	112	105	116
Norfolk-Portsmouth and Newport News-Hampton, Va	85	–	82	86	–	–	89	–	75	79	74
Oklahoma City, Okla	88	88	88	90	–	–	91	–	79	84	79
Omaha, Nebr.-Iowa	92	–	93	92	–	94	94	94	89	96	88
Paterson-Clifton-Passaic, N.J.	98	98	99	106	–	107	98	97	108	98	112
Philadelphia, Pa.-N.J.	97	97	96	98	98	98	96	97	104	100	105
Phoenix, Ariz	93	97	90	99	–	–	99	96	84	87	84
Pittsburgh, Pa	102	104	98	101	–	95	99	100	109	110	104
Portland, Me	87	–	88	–	–	–	84	85	89	84	90
Portland, Oreg.-Wash	97	93	100	97	–	99	101	102	115	107	117
Providence-Pawtucket-Warwick, R.I.-Mass	89	87	88	87	–	–	88	88	85	80	90

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Electronic data processing			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 229 Standard Metropolitan Statistical Areas = 100										
MARCH 1971-FEBRUARY 1972—Continued											
Raleigh, N.C.	87	–	89	–	–	–	–	–	72	68	–
Richmond, Va	92	93	92	94	–	93	95	95	80	85	77
Riverside-San Bernardino-Ontario, Calif	107	103	109	–	–	–	98	98	96	98	91
Rochester,N.Y.	106	108	97	105	104	–	(4)	(4)	(4)	(4)	(4)
Rockford, Ill	94	92	–	–	–	–	95	97	110	104	–
St. Louis, Mo.-Ill	98	99	98	95	93	97	104	105	106	107	105
Salt Lake City, Utah	90	89	91	92	–	–	96	94	86	94	86
San Antonio, Tex	82	80	83	–	–	–	–	–	65	69	65
San Diego, Calif	103	106	98	101	100	–	106	106	108	–	–
San Francisco-Oakland, Calif	110	108	112	106	104	107	117	116	130	125	134
San Jose, Calif	111	109	109	111	107	–	111	112	111	106	113
Savannah, Ga	93	–	–	–	–	–	–	–	72	76	–
Scranton, Pa	87	86	85	–	–	–	88	84	98	86	103
Seattle-Everett, Wash	102	101	103	97	–	99	106	105	123	118	124
Sioux Falls, S. Dak	90	–	90	–	–	–	–	–	104	106	89
South Bend, Ind	91	92	90	–	–	–	98	98	109	105	104
Spokane, Wash	95	–	93	–	–	–	107	–	107	111	104
Syracuse,N.Y.	95	94	96	94	94	–	96	94	97	100	96
Tampa-St. Petersburg, Fla	87	82	90	89	–	–	87	85	72	78	70
Toledo, Ohio-Mich	105	105	101	96	94	–	105	107	115	110	116
Trenton, N.J.	99	97	–	–	–	–	96	94	94	92	108
Utica-Rome,N.Y.	93	91	–	–	–	–	89	89	91	91	–
Washington, D.C.-Md.-Va	104	103	105	99	–	101	97	–	86	93	87
Waterbury, Conn	96	94	–	–	–	–	89	89	87	89	–
Waterloo, Iowa	106	–	–	–	–	–	106	–	121	–	–
Wichita, Kans	95	95	92	–	–	–	91	89	89	91	86
Worcester, Mass	94	92	96	96	–	–	90	86	93	91	90
York, Pa	90	91	–	–	–	–	88	96	98	89	105
Youngstown-Warren, Ohio	101	105	90	–	–	–	107	109	107	111	90
MARCH 1973-FEBRUARY 1974											
Akron, Ohio	101	101	98	102	100	–	103	103	126	117	113
Albany-Schenectady-Troy,N.Y.	101	–	104	–	–	–	97	98	107	100	108
Albuquerque, N. Mex	87	–	89	–	–	–	–	–	78	80	77
Allentown-Bethlehem-Easton, Pa.-N.J.	107	107	94	100	–	–	95	97	108	101	105
Atlanta, Ga	101	98	103	101	–	102	97	94	79	92	77
Austin, Tex	84	–	85	–	–	–	–	–	69	67	–
Baltimore, Md	98	100	97	93	–	95	100	100	86	99	80
Beaumont-Port Arthur-Orange, Tex	116	124	–	–	–	–	100	104	89	107	70
Binghamton,N.Y.-Pa	95	93	–	97	94	–	83	80	79	74	–
Birmingham, Ala	92	95	91	90	–	–	92	93	74	88	68
Boise City, Idaho	86	–	88	–	–	–	–	–	93	77	105
Boston, Mass	99	98	100	97	97	98	97	97	91	90	94
Buffalo,N.Y.	103	104	98	96	95	–	104	105	106	108	103
Canton, Ohio	93	92	–	91	–	–	95	96	110	103	107
Charleston, W. Va	97	–	95	–	–	–	96	95	84	102	73
Charlotte, N.C.	93	85	96	97	–	99	84	82	81	72	83
Chattanooga, Tenn.-Ga	87	88	85	87	–	–	85	85	82	83	69
Chicago, Ill	105	102	107	102	99	103	108	104	111	101	117
Cincinnati, Ohio-Ky.-Ind	98	97	97	97	–	96	99	99	98	103	90
Cleveland, Ohio	101	100	100	100	99	101	103	104	112	114	104
Columbus, Ohio	92	93	92	93	–	94	100	99	93	99	89
Dallas, Tex	95	93	96	94	–	94	91	91	81	85	79
Davenport-Rock Island-Moline, Iowa-Ill	107	108	101	107	–	–	107	109	117	113	110
Dayton. Ohio	103	105	96	100	99	–	102	103	111	110	96
Denver, Colo	99	99	100	100	101	100	98	98	102	103	102
Des Moines, Iowa	87	88	88	89	–	89	102	101	100	110	86
Detroit, Mich	118	124	112	116	119	111	114	117	124	122	115
Durham, N.C.	92	–	–	–	–	–	–	–	80	90	–
Fort Lauderdale-Hollywood and West Palm Beach, Fla	93	–	93	–	–	–	87	89	74	88	70
Fort Worth, Tex	90	94	85	99	–	95	92	95	81	88	71
Green Bay, Wis	93	94	92	–	–	–	94	94	107	107	102

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Electronic data processing			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 229 Standard Metropolitan Statistical Areas = 100										
MARCH 1973-FEBRUARY 1974—Continued											
Greenville, S.C.	85	82	86	-	-	-	72	72	71	64	78
Houston, Tex	98	97	99	96	-	98	97	97	75	89	70
Huntsville, Ala	93	-	-	-	-	-	92	-	67	66	-
Indianapolis, Ind	97	102	92	96	103	90	104	106	102	105	97
Jackson, Miss	85	-	86	-	-	-	81	76	66	69	64
Jacksonville, Fla	91	-	92	91	-	93	89	90	76	79	78
Kansas City, Mo.-Kans	97	93	99	101	-	101	105	103	110	108	109
Lawrence-Haverhill, Mass.-N.H.	97	-	-	-	-	-	89	-	93	87	98
Lexington. Ky	89	-	-	-	-	-	86	-	71	80	-
Little Rock-North Little Rock, Ark	83	85	82	85	-	-	94	91	72	70	75
Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove, Calif	107	108	107	105	105	105	103	103	115	101	123
Louisville, Ky.-Ind.	95	95	93	97	101	-	100	102	98	102	88
Lubbock, Tex	86	-	88	-	-	-	-	-	70	68	67
Manchester, N.H	86	-	-	-	-	-	-	-	81	72	99
Melbourne-Titusville-Cocoa, Fla	93	-	97	-	-	-	-	-	-	-	-
Memphis, Tenn.-Ark	92	90	93	-	-	-	95	93	77	88	69
Miami, Fla	97	91	100	98	-	100	93	86	75	73	77
Midland and Odessa, Tex	96	-	100	-	-	-	-	-	67	-	-
Milwaukee, Wis	99	97	100	95	93	97	105	106	103	107	100
Minneapolis-St. Paul, Minn	95	89	98	96	96	94	107	106	113	106	117
Muskegon-Muskegon Heights, Mich	99	96	-	-	-	-	91	91	111	109	-
Newark and Jersey City, N.J.	103	102	103	104	105	105	99	97	108	106	109
New Haven, Conn	99	92	102	-	-	-	89	88	83	93	70
New Orleans, La	90	94	90	91	-	92	91	92	70	89	66
New York and Nassau-Suffolk,N.Y.	108	105	110	109	107	110	100	100	115	104	120
Norfolk-Virginia Beach-Portsmouth and Newport News-Hampton, Va	85	-	83	-	-	-	90	88	74	79	72
Oklahoma City, Okla	89	88	90	89	-	-	95	-	76	80	76
Omaha, Nebr.-Iowa	92	-	93	93	-	95	93	94	86	96	85
Paterson-Clifton-Passaic, N.J.	99	97	99	104	-	-	97	96	104	93	111
Philadelphia, Pa.-N.J.	97	98	96	99	96	100	97	96	103	99	105
Phoenix, Ariz	90	96	88	98	101	94	99	100	82	81	84
Pittsburgh, Pa	102	105	99	97	100	90	99	100	107	107	104
Portland, Me	86	-	86	-	-	-	80	80	89	79	92
Portland, Oreg.-Wash	98	91	101	95	89	99	105	107	118	109	122
Poughkeepsie-Kingston-Newburgh,N.Y.	105	-	-	-	-	-	-	-	88	80	-
Providence-Warwick-Pawtucket, R.I.-Mass	89	87	91	88	-	-	86	82	83	77	88
Raleigh, N.C.	90	86	92	-	-	-	86	-	75	72	75
Richmond, Va	92	93	92	91	96	88	96	97	79	85	75
Riverside-San Bernardino-Ontario, Calif	102	-	104	-	-	-	100	102	98	97	95
Rockford, Ill	93	91	-	88	87	-	95	96	113	103	-
St. Louis, Mo.-Ill	100	99	100	98	94	101	105	106	107	108	104
Salt Lake City, Utah	89	87	90	92	-	-	95	92	85	81	89
San Antonio, Tex	80	79	81	86	-	-	-	-	62	66	61
San Diego, Calif	102	105	99	101	-	-	103	105	106	-	-
San Francisco-Oakland, Calif	111	109	112	108	106	109	117	116	131	124	136
San Jose, Calif	111	108	109	110	107	113	109	110	115	109	118
Savannah, Ga	95	-	-	-	-	-	87	88	73	76	-
Scranton, Pa	88	87	88	-	-	-	85	81	96	85	105
Seattle-Everett, Wash	101	101	100	98	-	99	106	106	125	116	127
Sioux Falls, S. Dak	91	-	-	-	-	-	-	-	99	102	85
South Bend, Ind	91	92	91	-	-	-	97	97	107	103	96
Spokane, Wash	95	-	95	-	-	-	-	-	110	-	111
Tampa-St. Petersburg, Fla	87	83	89	-	-	-	87	86	71	78	68
Toledo, Ohio-Mich	104	105	97	95	95	-	104	105	118	110	117
Trenton, N.J.	99	95	-	97	-	-	95	94	96	91	-
Washington, D.C.-Md.-Va	105	106	107	100	-	101	98	99	87	96	88
Waterbury, Conn	96	94	-	-	-	-	90	88	81	84	-
Waterloo, Iowa	108	-	-	-	-	-	-	-	128	-	-
Wichita, Kans	95	94	-	92	-	-	89	88	95	94	93
Worcester, Mass	95	93	95	91	-	-	86	87	97	97	-

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961–82—Continued

Period and area	Office clerical			Electronic data processing			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 229 Standard Metropolitan Statistical Areas = 100										
MARCH 1973-FEBRUARY 1974—Continued											
York, Pa	89	89	–	94	–	–	87	85	96	88	100
Youngstown-Warren, Ohio	101	107	–	–	–	–	108	109	111	115	–
AUGUST 1975-JULY 1976											
Akron, Ohio	101	97	102	102	100	–	98	97	120	115	104
Albany-Schenectady-Troy,N.Y.	102	–	105	–	–	–	93	91	105	99	99
Anaheim-Santa Ana-Garden Grove, Calif	104	105	101	111	–	–	97	100	91	–	90
Atlanta, Ga	103	102	105	104	–	108	100	97	85	92	86
Austin, Tex	86	–	87	94	–	–	–	–	64	–	–
Baltimore, Md	101	107	99	99	–	101	103	103	87	103	84
Billings, Mont	90	–	89	–	–	–	–	–	91	–	–
Binghamton,N.Y.-Pa	96	92	–	–	–	–	80	–	80	76	–
Birmingham, Ala	93	97	93	92	–	93	95	97	73	86	69
Boston, Mass	98	96	100	97	96	98	94	93	94	92	99
Buffalo,N.Y.	103	106	96	99	–	95	106	106	107	112	104
Canton, Ohio	96	96	94	95	–	–	98	99	109	105	95
Chattanooga, Tenn.-Ga	87	89	85	89	–	–	83	84	84	83	73
Chicago, Ill	105	102	107	104	103	105	109	107	116	102	122
Cincinnati, Ohio-Ky.-Ind	97	96	97	99	–	100	98	99	101	106	91
Cleveland, Ohio	101	100	100	103	101	105	104	106	108	113	101
Columbus, Ohio	94	93	95	92	–	94	98	97	89	97	89
Corpus Christi, Tex	91	–	–	–	–	–	99	102	68	88	–
Dallas-Fort Worth, Tex	95	95	96	95	96	94	94	94	80	88	77
Davenport-Rock Island-Moline, Iowa-Ill	113	116	105	–	–	–	111	112	124	118	–
Dayton, Ohio	101	101	96	97	98	–	103	104	111	113	86
Daytona Beach, Fla	–	–	–	–	–	–	–	–	–	–	–
Denver-Boulder, Colo	99	99	101	103	–	107	99	98	95	99	96
Detroit, Mich	118	130	110	117	120	111	115	117	128	131	114
Fort Lauderdale-Hollywood and West Palm Beach-Boca Raton, Fla	95	–	94	–	–	–	93	–	72	77	72
Fresno, Calif	92	–	93	–	–	–	97	95	93	98	–
Gainesville, Fla	87	–	–	–	–	–	–	–	75	–	71
Green Bay, Wis	94	97	91	–	–	–	97	94	99	110	–
Greensboro-Winston-Salem-High Point, N.C.	93	91	95	91	93	–	91	89	88	80	90
Greenville-Spartanburg, S.C.	86	82	87	89	–	–	71	72	74	65	79
Hartord, Conn	94	96	92	94	–	95	90	91	86	93	80
Houston, Tex	101	100	102	101	–	103	102	102	75	89	71
Huntsville, Ala	94	–	–	–	–	–	81	83	69	64	–
Indianapolis, Ind	97	101	92	95	–	91	104	105	103	107	95
Jackson, Miss	87	–	89	87	–	87	78	73	69	71	65
Jacksonville, Fla	92	–	94	93	–	95	87	88	69	83	67
Kansas City, Mo.-Kans	99	95	101	101	–	101	107	104	111	109	109
Lexington-Fayette, Ky	92	–	89	–	–	–	90	88	76	82	–
Los Angeles-LongBeach, Calif	106	107	106	104	103	105	103	103	103	93	110
Louisville, Ky.-Ind	97	97	96	98	–	–	100	102	96	108	87
Melbourne-Titusville-Cocoa, Fla	99	–	106	–	–	–	–	–	–	–	–
Memphis, Tenn.-Ark.-Miss	92	92	93	86	–	–	95	95	78	89	69
Miami, Fla	99	91	102	99	–	101	91	–	74	75	75
Milwaukee, Wis	100	98	101	98	94	100	106	108	107	113	97
Minneapolis-St. Paul, Minn.-Wis	94	87	99	98	97	97	105	102	114	107	115
Nassau-Suffolk,N.Y.	95	93	98	104	–	107	90	88	99	86	104
Newark, N.J.	104	99	108	107	103	109	99	98	99	103	99
New Orleans, La	90	94	91	90	–	91	92	94	72	89	70
New York,N.Y.-N.J.	107	104	110	112	108	114	99	96	122	99	129
Norfolk-Virginia Beach-Portsmouth, Va.-N.C	85	–	85	–	–	–	91	89	72	77	71
Northeast Pennsylvania	81	82	81	–	–	–	81	76	91	78	95
Oklahoma City, Okla	90	91	91	88	–	–	91	87	77	81	78
Omaha, Nebr.-Iowa	96	94	98	95	–	97	97	95	87	97	86
Paterson-Clifton-Passaic, N.J.	101	98	101	99	–	96	94	93	96	94	89
Philadelphia, Pa.-N.J.	98	100	96	101	97	103	97	97	105	104	104
Pittsburgh, Pa	105	109	102	98	98	94	102	103	104	111	96
Portland, Me	86	–	88	–	–	–	74	74	95	82	101

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961-82—Continued

Period and area	Office clerical			Electronic data processing			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 229 Standard Metropolitan Statistical Areas = 100										
AUGUST 1975-JULY 1976—Continued											
Portland, Oreg.-Wash	101	96	104	97	–	102	109	110	118	113	118
Poughkeepsie,N.Y.	–	–	–	–	–	–	–	–	95	88	–
Providence-Warwick-Pawtucket, R.I.-Mass	86	83	87	–	–	–	81	77	84	73	92
Raleigh-Durham, N.C.	90	91	90	91	–	–	89	88	76	85	74
Richmond, Va	92	94	91	92	98	89	100	98	84	92	77
Sacramento, Calif	102	–	102	–	–	–	103	104	112	111	117
Saginaw, Mich	114	–	–	–	–	–	–	–	140	–	–
St. Louis, Mo.-Ill	99	100	99	98	94	101	102	103	106	110	101
Salt Lake City-Ogden, Utah	90	86	93	95	–	96	97	95	94	88	94
San Antonio, Tex	82	–	84	82	–	84	–	–	67	70	67
San Diego, Calif	98	104	96	97	98	–	102	104	103	–	–
San Francisco-Oakland, Calif	111	111	112	107	–	108	117	117	135	124	139
San Jose, Calif	110	110	108	111	110	–	113	114	119	110	107
Seattle-Everett, Wash	102	–	101	103	–	105	110	111	126	124	123
South Bend, Ind	93	94	92	98	–	–	96	96	96	99	–
Stamford, Conn	107	106	105	110	104	–	92	–	95	92	–
Syracuse,N.Y.	97	97	97	93	92	–	94	96	98	104	87
Toledo, Ohio-Mich	105	107	97	94	95	–	104	105	120	114	113
Trenton, N.J.	99	95	–	102	–	–	98	97	91	94	–
Washington, D.C.-Md.-Va	105	107	106	101	–	102	102	102	80	97	80
Wichita, Kans	96	96	94	94	–	–	88	87	88	98	80
Worcester, Mass	95	93	96	92	–	94	84	85	96	87	–
York, Pa	89	90	87	–	–	–	89	85	103	91	104
	Average pay levels for each industry and occupational group in 262 Standard Metropolitan Statistical Areas = 100										
JANUARY 1978-DECEMBER 1978											
Akron, Ohio	105	102	103	105	102	–	102	100	124	118	106
Albany-Schenectady-Troy,N.Y.	102	–	102	–	–	–	91	90	107	99	103
Anaheim-Santa Ana-Garden Grove, Calif	106	103	105	110	–	–	98	101	90	91	85
Atlan[illegible]a	102	–	105	105	–	108	96	93	86	94	86
Baltimore, Md	105	107	104	97	–	97	101	103	93	98	89
Billings, Mont	90	–	90	–	–	–	–	–	–	–	–
Birmingham, Ala	93	98	93	96	–	97	89	90	71	85	67
Boston, Mass	97	94	99	92	92	93	93	92	89	87	93
Buffalo,N.Y.	98	103	90	95	–	–	109	111	110	112	106
Canton, Ohio	99	99	–	97	–	–	99	101	114	108	100
Chattanooga, Tenn.-Ga	86	87	85	92	–	–	83	83	84	84	–
Chicago, Ill	105	101	107	102	98	104	108	105	121	101	128
Cincinnati, Ohio-Ky.-Ind	97	96	96	93	–	94	98	97	99	103	89
Cleveland, Ohio	101	102	100	105	101	107	107	108	110	116	102
Columbus, Ohio	94	91	97	90	–	93	97	95	95	98	96
Corpus Christi, Tex	86	–	–	–	–	–	99	100	69	92	–
Dallas-Fort Worth, Tex	94	95	94	96	98	95	93	92	78	83	76
Davenport-Rock Island-Moline, Iowa-Ill	122	124	110	–	–	–	113	114	133	122	–
Dayton, Ohio	96	95	91	98	96	–	105	107	108	111	92
Daytona Beach, Fla	–	–	–	–	–	–	–	–	81	–	–
Denver-Boulder, Colo	100	99	102	102	–	105	99	98	94	101	94
Detroit, Mich	119	129	111	116	118	111	116	117	131	133	117
Fresno, Calif	91	–	92	–	–	–	95	95	92	88	85
Gainesville, Fla	–	–	–	–	–	–	–	–	–	–	72
Green Bay, Wis	95	–	–	–	–	–	96	95	105	113	–
Greensboro-Winston-Salem-High Point, N.C.	97	95	96	95	94	–	94	89	88	83	82
Greenville-Spartanburg, S.C.	87	83	88	91	–	–	70	70	74	64	–
Hartford, Conn	91	93	90	94	–	–	89	90	85	90	79
Houston, Tex	103	102	104	104	–	106	103	102	75	90	72
Huntsville, Ala	92	–	92	–	–	–	–	–	72	66	–
Indianapolis, Ind	97	107	92	94	–	88	106	108	107	108	101
Jackson, Miss	86	–	89	83	–	84	80	76	71	73	70
Jacksonville, Fla	93	–	95	95	–	97	96	97	74	87	72

See footnotes at end of table.

Table 99. Interarea pay comparisons ¹—relative pay levels by industry division, selected periods, 1961–82—Continued

Period and area	Office clerical			Electronic data processing			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 262 Standard Metropolitan Statistical Areas = 100										
JANUARY 1978-DECEMBER 1978—Continued											
Kansas City, Mo.-Kans	98	92	101	100	–	101	106	104	114	115	106
Los Angeles-Long Beach, Calif	109	107	109	105	104	105	102	100	97	87	102
Louisville, Ky.-Ind	97	96	96	96	–	–	102	103	100	113	79
Memphis, Tenn.-Ark.-Miss	96	95	98	96	–	100	99	96	76	89	71
Miami, Fla	97	88	101	105	–	107	86	–	74	67	78
Milwaukee, Wis	99	96	100	103	98	106	107	107	106	107	101
Minneapolis-St. Paul, Minn.-Wis	94	89	97	96	97	94	104	102	113	108	113
Nassau-Suffolk,N.Y.	94	91	95	100	–	102	88	86	88	84	87
Newark, N.J.	104	101	106	104	103	106	97	95	97	95	102
New Orleans, La	89	–	90	–	–	–	96	101	72	93	69
New York,N.Y.-N.J.	103	103	105	109	108	110	98	96	118	94	128
Norfolk-Virginia Beach-Portsmouth, Va.-N.C	85	–	85	–	–	–	92	90	77	77	75
Northeast Pennsylvania	84	82	87	–	–	–	85	81	97	83	105
Oklahoma City, Okla	94	86	97	91	–	94	87	82	75	77	78
Omaha, Nebr.-Iowa	95	96	96	–	–	–	97	94	87	101	81
Paterson-Clifton-Passaic, N.J.	97	94	97	98	–	–	88	89	91	83	93
Philadelphia, Pa.-N.J.	98	100	95	99	98	99	97	98	106	105	99
Pittsburgh, Pa	105	108	102	100	103	94	104	105	104	114	93
Portland, Me	88	–	89	–	–	–	72	70	99	81	103
Portland, Oreg.-Wash	107	100	111	93	–	94	108	108	121	115	118
Poughkeepsie,N.Y.	–	–	–	–	–	–	–	–	89	84	–
Providence-Warwick-Pawtucket, R.I.-Mass	87	85	88	88	–	–	78	78	80	72	85
Richmond, Va	92	93	91	95	–	93	99	100	85	90	81
Sacramento, Calif	108	–	109	–	–	–	–	–	112	110	117
Saginaw, Mich	116	–	–	–	–	–	–	–	148	–	–
St. Louis, Mo.-Ill	100	98	100	96	90	102	101	103	106	111	101
Salt Lake City-Ogden, Utah	91	89	93	94	–	96	95	94	93	80	98
San Antonio, Tex	84	–	86	–	–	–	–	–	69	67	71
San Diego, Calif	99	102	97	98	99	96	102	–	94	–	87
San Francisco-Oakland, Calif	111	109	113	102	–	101	118	118	131	122	134
San Jose, Calif	109	107	109	114	112	109	109	110	118	–	121
Seattle-Everett, Wash	111	–	111	97	–	99	111	111	124	120	124
South Bend, Ind	99	94	–	96	–	–	98	98	104	108	–
Toledo, Ohio-Mich	106	109	101	97	98	–	106	106	125	118	118
Trenton, N.J.	96	96	92	94	–	–	99	–	89	93	–
Utica-Rome,N.Y.	90	93	85	91	–	–	86	86	92	87	–
Washington, D.C.-Md.-Va	104	–	107	102	–	103	104	–	79	97	81
Wichita, Kans	98	98	95	95	–	–	90	90	83	92	79
Worcester, Mass	95	92	97	96	–	99	84	84	95	82	–
York, Pa	91	90	–	–	–	–	87	84	105	93	103
JANUARY 1980-DECEMBER 1980											
Albany-Schenectady-Troy,N.Y.	101	–	100	99	–	–	87	84	113	98	108
Anaheim-Santa Ana-Garden Grove, Calif	106	102	107	107	–	–	98	99	97	89	–
Atlanta, Ga	102	98	106	105	92	110	95	92	84	91	83
Baltimore, Md	105	104	105	98	–	99	102	104	88	96	86
Billings, Mont	94	–	–	–	–	–	105	–	–	105	–
Boston, Mass	96	93	97	91	92	92	90	88	89	87	–
Buffalo,N.Y.	97	104	89	93	95	–	107	109	111	115	105
Chattanooga, Tenn.-Ga	86	87	83	90	–	–	82	81	83	87	–
Chicago, Ill	104	101	106	102	95	105	107	103	122	99	131
Cincinnati, Ohio-Ky.-Ind	96	96	94	94	90	96	96	94	97	102	103
Cleveland, Ohio	101	97	103	102	98	105	106	106	112	117	106
Columbus, Ohio	93	90	96	91	–	94	97	94	94	94	97
Corpus Christi, Tex	87	–	88	–	–	–	102	104	71	91	–
Dallas-Fort Worth, Tex	98	96	99	97	99	97	94	93	80	84	77
Davenport-Rock Island-Moline, Iowa-Ill	127	138	113	127	–	–	113	114	133	130	111
Dayton, Ohio	93	93	86	98	101	–	106	109	121	119	103
Daytona Beach, Fla	–	–	–	–	–	–	–	–	–	–	–
Denver-Boulder, Colo	100	98	103	103	98	107	94	93	100	96	103
Detroit, Mich	122	137	113	121	123	114	116	117	134	138	116
Fresno, Calif	98	–	–	–	–	–	90	88	91	82	–
Gainesville, Fla	85	–	–	–	–	–	–	–	79	–	–

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961–82—Continued

Period and area	Office clerical			Electronic data processing			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 262 Standard Metropolitan Statistical Areas = 100										
JANUARY 1980-DECEMBER 1980—Continued											
Gary-Hammond-East Chicago, Ind	123	138	88	114	–	–	113	114	115	126	76
Green Bay, Wis	95	95	–	–	–	–	93	90	104	110	–
Greensboro-Winston-Salem-High Point, N.C.	100	94	103	97	91	–	93	88	84	–	81
Greenville-Spartanburg, S.C.	85	80	87	89	–	–	70	69	72	64	76
Hartford, Conn	92	94	89	94	–	96	86	85	86	–	78
Houston, Tex	106	105	109	104	101	106	104	103	79	87	80
Huntsville, Ala	91	–	–	–	–	–	86	86	80	81	–
Indianapolis, Ind	97	108	91	96	–	90	105	106	109	110	100
Jackson, Miss	87	–	89	91	–	–	79	–	79	79	76
Jacksonville, Fla	90	–	93	89	–	91	94	95	72	85	71
Kansas City, Mo.-Kans	99	90	103	97	95	99	102	100	116	113	113
Los Angeles-Long Beach, Calif	111	109	112	106	106	106	102	101	101	88	104
Louisville, Ky.-Ind	98	97	98	98	–	–	102	104	101	111	74
Memphis, Tenn.-Ark.-Miss	94	91	97	–	–	–	96	96	75	81	75
Miami, Fla	97	87	101	104	–	107	85	–	73	64	76
Milwaukee, Wis	99	95	101	98	92	103	104	103	105	107	99
Minneapolis-St. Paul, Minn.-Wis	96	89	100	100	98	100	103	100	113	106	114
Nassau-Suffolk,N.Y.	92	91	92	100	–	101	86	85	90	85	90
Newark, N.J.	103	100	104	102	99	104	95	93	90	95	90
New Orleans, La	93	94	94	96	–	97	95	97	75	91	75
New York, N. Y.-N.J.	100	99	102	106	105	107	95	93	115	90	126
Norfolk-Virginia Beach-Portsmouth, Va.-N.C	83	85	–	84	–	–	89	87	74	74	76
Northeast Pennsylvania	85	84	84	–	–	–	82	79	104	84	104
Oklahoma City, Okla	94	89	96	99	–	99	97	94	89	101	86
Omaha, Nebr.-Iowa	94	91	97	103	–	–	93	92	85	100	78
Paterson-Clifton-Passaic, N.J.	93	91	92	98	–	–	86	86	92	87	79
Philadelphia, Pa.-N.J.	96	98	97	95	92	97	96	96	105	98	106
Pittsburgh, Pa	104	114	98	104	107	95	104	105	109	122	99
Portland, Me	90	–	91	–	–	–	71	–	100	79	103
Portland, Oreg.-Wash	104	97	108	97	95	98	109	109	117	109	115
Poughkeepsie,N.Y.	–	–	–	–	–	–	76	–	–	–	–
Providence-Warwick-Pawtucket, R.I.-Mass	86	82	88	86	–	–	76	75	81	72	91
Richmond, Va	89	95	87	92	–	91	100	101	84	99	77
Sacramento, Calif	99	101	101	–	–	–	107	107	110	106	121
Saginaw, Mich	118	–	–	–	–	–	–	–	157	–	–
St. Louis, Mo.-Ill	98	100	96	93	88	97	100	101	104	114	102
Salt Lake City-Ogden, Utah	95	89	98	99	–	105	96	94	94	75	100
San Antonio, Tex	84	–	85	–	–	–	–	–	68	65	70
San Diego, Calif	100	101	99	105	104	–	98	98	84	–	82
San Francisco-Oakland, Calif	114	110	116	108	106	110	114	113	131	123	135
San Jose, Calif	110	105	111	111	107	109	107	108	109	95	117
Seattle-Everett, Wash	111	–	111	100	–	102	–	–	127	–	124
South Bend, Ind	96	93	94	–	–	–	97	98	112	112	99
Toledo, Ohio-Mich	108	110	102	98	96	–	105	105	124	121	114
Trenton, N.J.	96	94	93	93	–	–	99	–	84	90	–
Washington, D.C.-Md.-Va	102	–	104	101	–	102	101	–	78	94	79
Wichita, Kans	106	110	99	98	–	–	90	90	87	98	79
Worcester, Mass	95	93	96	98	–	100	83	82	96	88	–
York, Pa	91	90	–	–	–	–	86	83	108	88	106
JANUARY 1982-DECEMBER 1982											
Albany-Schenectady-Troy,N.Y.	101	103	98	102	–	–	87	84	110	98	104
Anaheim-Santa Ana-Garden Grove, Calif	106	104	106	110	108	–	99	101	98	90	–
Atlanta, Ga	102	100	104	107	–	109	96	91	84	88	87
Baltimore, Md	101	102	101	94	–	95	103	106	86	106	83
Billings, Mont	88	–	88	–	–	–	107	–	–	–	–
Boston, Mass	95	94	95	97	96	97	90	88	88	88	88
Buffalo,N.Y.	93	97	84	93	94	–	104	107	96	107	90
Chattanooga, Tenn.-Ga	87	87	84	–	–	–	80	80	83	82	68
Chicago, Ill	104	101	106	104	99	106	105	103	123	103	129
Cincinnati, Ohio-Ky.-Ind	99	99	96	96	96	96	95	92	104	102	–
Cleveland, Ohio	100	98	100	100	101	99	106	105	118	117	116
Columbus, Ohio	88	88	89	93	–	95	94	93	100	105	103

See footnotes at end of table.

Table 99. Interarea pay comparisons [1]—relative pay levels by industry division, selected periods, 1961–82—Continued

Period and area	Office clerical			Electronic data processing			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
	Average pay levels for each industry and occupational group in 262 Standard Metropolitan Statistical Areas = 100										
JANUARY 1982-DECEMBER 1982—Continued											
Corpus Christi, Tex	89	89	90	-	-	-	104	105	72	67	-
Dallas-Fort Worth, Tex	98	96	99	99	100	99	94	93	85	90	82
Davenport-Rock Island-Moline, Iowa-Ill	133	147	116	-	-	-	117	117	143	137	120
Dayton, Ohio	90	91	83	93	94	-	102	105	114	122	-
Daytona Beach, Fla	89	-	-	-	-	-	-	-	-	-	-
Denver-Boulder, Colo	101	95	104	105	95	109	98	97	96	90	102
Detroit, Mich	117	130	109	115	118	109	112	113	131	133	118
Fresno, Calif	97	-	-	-	-	-	91	89	90	-	-
Gainesville, Fla	-	-	-	-	-	-	-	-	81	-	-
Gary-Hammond-East Chicago, Ind	124	137	96	113	-	-	113	113	-	-	96
Green Bay, Wis	97	96	-	-	-	-	94	-	99	107	-
Greensboro-Winston-Salem-High Point, N.C.	98	94	97	97	93	99	97	93	83	-	78
Greenville-Spartanburg, S.C.	85	80	86	-	-	-	73	70	73	67	78
Hartford, Conn	88	90	87	99	-	-	85	84	87	94	80
Houston, Tex	110	107	113	109	105	111	106	106	80	85	83
Huntsville, Ala	88	87	-	-	-	-	89	89	86	91	-
Indianapolis, Ind	95	104	91	95	-	93	102	102	106	103	105
Jackson, Miss	88	84	90	-	-	-	80	78	75	81	-
Jacksonville, Fla	94	86	97	95	-	96	95	94	71	86	75
Kansas City, Mo.-Kans	99	91	104	101	97	103	100	99	106	112	100
Los Angeles-Long Beach, Calif	112	109	115	107	106	108	103	102	105	84	114
Louisville, Ky.-Ind	95	98	91	99	-	-	103	107	102	112	77
Memphis, Tenn.-Ark.-Miss	69	87	91	92	-	93	95	92	75	80	76
Miami, Fla	94	85	97	102	-	104	88	-	73	63	77
Milwaukee, Wis	101	97	101	99	96	101	106	106	103	109	97
Minneapolis-St. Paul, Minn.-Wis	97	90	102	98	98	96	105	102	110	103	112
Nassau-Suffolk,N.Y.	91	89	90	101	-	103	87	84	88	83	88
Newark, N.J.	102	100	103	103	100	106	96	93	91	100	86
New Orleans, La	93	92	95	99	-	100	96	98	69	81	71
New York, N.Y.-N.J.	101	96	103	104	99	106	95	97	118	90	129
Norfolk-Virginia Beach-Portsmouth, Va.-N.C	81	88	79	-	-	-	87	84	72	74	74
Northeast Pennsylvania	82	81	81	89	-	90	78	75	102	82	103
Oklahoma City, Okla	97	92	99	98	-	100	99	97	88	95	88
Omaha, Nebr.-Iowa	93	90	96	100	-	103	93	92	84	100	79
Paterson-Clifton-Passaic, N.J.	94	91	91	97	-	-	85	85	92	87	74
Philadelphia, Pa.-N.J.	94	97	93	97	93	98	96	96	105	105	101
Pittsburgh, Pa	103	109	98	99	103	94	103	105	111	122	96
Portland, Me	86	85	87	-	-	-	73	73	102	85	100
Portland, Oreg.-Wash	103	96	108	95	-	96	113	113	122	102	126
Poughkeepsie,N.Y.	-	-	-	-	-	-	78	-	-	-	-
Providence-Warwick-Pawtucket, R.I.-Mass	85	83	83	87	-	88	76	76	77	71	79
Richmond, Va	91	99	86	92	-	91	104	105	83	104	76
Sacramento, Calif	103	101	105	-	-	-	107	107	113	104	-
Saginaw, Mich	116	-	-	-	-	-	-	-	-	-	-
St. Louis, Mo.-Ill	97	100	95	95	93	97	100	100	99	111	95
Salt Lake City-Ogden, Utah	94	89	97	101	92	105	94	93	89	85	94
San Antonio, Tex	84	82	86	92	-	-	-	-	68	67	71
San Diego, Calif	97	98	96	107	-	-	103	102	85	-	79
San Francisco-Oakland, Calif	113	111	116	110	-	111	117	116	135	125	141
San Jose, Calif	112	108	113	112	109	110	111	111	111	100	110
Seattle-Everett, Wash	112	-	111	102	-	104	112	111	129	-	129
South Bend, Ind	95	93	89	87	-	-	97	98	119	112	-
Toledo, Ohio-Mich	108	111	102	98	97	-	105	106	131	126	121
Trenton, N.J.	95	93	-	93	-	-	95	-	79	83	-
Washington, D.C.-Md.-Va	101	98	103	99	-	100	-	-	79	-	83
Wichita, Kans	109	118	98	102	-	104	95	96	93	107	81
Worcester, Mass	96	95	96	99	-	94	85	84	96	85	-
York, Pa	90	90	82	88	-	-	91	89	112	89	111

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[1] In computing the data used in the wage comparison aggregates for all industries combined and for manufacturing and nonmanufacturing seperately for each area were compiled by muliplying the average weekly salary for selected office jobs and the average straight-time hourly earnings for selected skilled maintenance and unskilled plants jobs by the all-industry employment in the job in all Standard Metropolitan Areas combined. For purpose of this comparison, aggregates for each job and industry group are expressed as percentages of like groups in all metropolitan areas combined, adjusted for differences in survey timing.

[2] Estimates relate to February 1967.

[3] Limited to New York portion of the SMSA.

[4] Earnings information not collected for plant occupation.

[5] Estimates relate to April 1970.

- Data not available.

Note: Dashes indicate data do not meet publication criteria.

Table 100. Average annual salaries for selected professional, administrative, and technical occupations, 1961–83 [1]

Year	Accountants [2]					Auditors			
	I	II	III	IV	V	I	II	III	IV
1961	$5,736	$6,324	$7,200	$8,724	$10,548	$5,196	$6,468	$7,728	$9,480
1962	5,880	6,456	7,416	8,988	10,872	5,340	6,600	7,932	9,840
1963	6,156	6,708	7,668	9,228	11,232	5,544	6,900	8,244	10,092
1964 [1]	6,240	6,840	7,908	9,504	11,568	5,832	7,188	8,520	10,284
1965 [1]	6,312	7,044	8,124	9,792	11,940	6,204	7,440	8,748	10,728
1966	6,576	7,308	8,328	10,116	12,336	6,408	7,740	8,904	11,196
1967	6,990	7,820	8,879	10,660	12,795	7,190	8,354	9,449	11,633
1968	7,451	8,277	9,367	11,273	13,531	7,645	8,707	9,977	12,303
1969	8,002	9,013	10,029	11,967	14,373	8,367	9,287	10,726	13,125
1970	8,503	9,609	10,686	12,755	15,477	8,894	9,955	11,475	14,044
1971	8,975	10,213	11,383	13,654	16,626	9,401	10,643	12,227	15,136
1972	9,067	10,655	11,879	14,259	17,368	9,628	10,924	12,881	15,823
1973	9,417	10,934	12,472	15,068	18,400	10,310	11,360	13,568	16,669
1974	9,739	11,549	13,285	16,051	19,560	10,352	12,024	14,341	17,491
1975	10,891	12,785	14,458	17,618	21,664	11,296	12,587	15,334	18,800
1976	11,453	13,394	15,428	18,738	23,402	11,769	13,427	16,059	19,952
1977	12,155	14,624	16,545	20,367	25,042	12,570	14,503	17,108	21,526
1978	12,785	15,671	18,115	22,036	27,301	13,243	15,694	18,756	23,093
1979	13,790	16,706	19,468	24,045	29,744	13,487	16,493	20,303	24,700
1980	15,149	18,427	21,299	26,158	31,927	14,858	18,002	22,026	26,782
1981	16,529	20,153	23,545	28,819	35,141	16,369	19,814	24,401	29,475
1982	18,260	22,068	25,673	31,658	38,680	17,901	22,065	26,502	32,004
1983	19,519	23,264	27,346	34,244	41,862	18,723	23,293	28,245	34,091

Year	Chief accountants				Public accountants [3]			
	I	II	III	IV	I	II	III	IV
1961	$9,564	(4)	(4)	$15,012	–	–	–	–
1962	9,972	$11,460	$13,152	15,192	–	–	–	–
1963	10,236	11,808	13,512	15,516	–	–	–	–
1964 [1]	10,296	12,576	14,124	15,948	–	–	–	–
1965 [1]	10,740	12,588	14,604	17,028	–	–	–	–
1966	10,800	12,288	15,144	17,676	–	–	–	–
1967	11,768	13,036	15,883	18,896	–	–	–	–
1968	12,289	14,135	16,577	19,046	–	–	–	–
1969	13,212	14,637	17,714	20,586	–	–	–	–
1970	13,917	15,647	18,780	23,133	–	–	–	–
1971	14,449	17,191	20,897	24,597	–	–	–	–
1972	15,348	17,419	21,198	26,521	–	–	–	–
1973	16,220	18,634	22,687	26,735	–	–	–	–
1974	17,601	20,072	23,805	29,021	–	–	–	–
1975	19,289	21,323	26,226	32,094	–	–	–	–
1976	20,460	22,753	28,136	33,916	–	–	–	–
1977	22,558	25,320	31,324	36,789	–	–	–	–
1978	23,561	27,769	34,160	39,895	–	–	–	–
1979	25,457	29,104	36,567	45,274	$13,939	$15,817	$19,174	$24,183
1980	28,347	32,662	41,092	50,073	14,958	16,689	19,806	23,900
1981	31,576	35,560	44,494	56,016	16,130	18,000	21,426	25,748
1982	34,506	39,708	50,514	61,255	17,266	19,177	22,830	27,286
1983	33,683	41,664	53,286	67,919	18,669	20,575	24,278	29,134

See footnotes at end of table.

Table 100. Average annual salaries for selected professional, administrative, and technical occupations, 1961-83[1]—Continued

Year	Attorneys						Buyers			
	I	II	III	IV	V	VI	I	II	III	IV
1961	(3)	(3)	$11,604	$14,664	$15,336	$20,712	-	-	-	-
1962	(3)	(3)	11,844	14,916	16,440	22,392	-	-	-	-
1963	(3)	(3)	12,300	15,372	17,496	23,724	-	-	-	-
1964	(3)	(3)	12,816	16,032	18,420	24,288	-	-	-	-
1965	(3)	(3)	13,644	16,500	20,040	24,804	-	-	-	-
1966	(3)	(3)	14,052	16,728	20,748	25,836	$6,648	$7,920	$9,252	$11,256
1967	(3)	(3)	14,419	17,206	21,415	27,293	7,030	8,211	9,819	11,806
1968	(3)	(3)	15,283	17,936	22,152	28,841	7,344	8,660	10,260	12,431
1969	$11,020	$12,780	15,679	19,163	23,685	29,421	7,877	9,269	10,942	13,151
1970	11,859	13,565	16,884	20,304	25,391	33,032	8,512	9,759	11,665	13,895
1971	12,932	14,345	17,509	22,178	26,277	33,375	8,998	10,375	12,585	14,785
1972	13,498	14,640	18,392	23,448	27,528	34,828	9,380	10,922	13,117	15,555
1973	13,478	15,555	19,565	24,693	30,035	37,048	9,603	11,431	13,835	16,423
1974	14,223	16,357	21,082	25,956	31,999	38,180	10,073	12,141	14,659	17,421
1975	15,220	17,757	22,558	28,159	34,040	41,046	10,861	13,337	15,995	18,983
1976	15,413	18,667	24,205	29,828	36,308	43,747	11,732	14,200	17,122	20,075
1977	16,033	19,938	25,460	30,973	38,828	46,509	12,346	15,099	18,021	21,907
1978	17,693	21,713	27,738	33,547	42,318	51,798	12,887	16,195	19,590	23,853
1979	18,740	23,468	29,644	37,807	45,599	56,964	13,859	17,107	21,200	25,508
1980	20,911	25,549	33,034	40,864	49,864	60,641	14,861	18,467	22,904	27,777
1981	22,477	28,059	36,373	44,853	54,792	66,958	16,202	20,266	25,196	30,583
1982	25,162	31,696	39,649	49,818	61,579	76,202	18,074	22,174	27,424	33,409
1983	28,119	34,502	42,271	53,184	65,607	84,917	19,120	23,633	29,033	35,570

Year	Job analysts				Directors of personnel			
	I	II	III	IV	I	II	III	IV
1961	$5,916	$6,732	$7,944	$9,612	$8,676	$9,996	$12,442	$14,532
1962	6,096	7,056	8,004	9,636	8,844	10,428	12,900	15,096
1963	6,408	7,212	8,220	9,852	8,952	10,680	13,440	15,744
1964	6,576	7,452	8,544	10,164	9,660	11,160	13,896	16,512
1965	6,636	7,668	8,892	10,668	9,576	11,352	14,520	16,956
1966	7,080	7,752	9,432	11,340	9,996	11,880	14,544	18,204
1967	7,621	8,157	9,618	11,964	10,407	12,394	15,319	19,186
1968	(5)	8,820	10,401	12,577	11,029	13,215	16,005	19,715
1969	$8,137	9,081	10,595	12,830	11,847	13,925	16,738	20,585
1970	8,938	9,571	11,183	13,035	12,593	14,832	18,419	21,920
1971	9,232	10,397	12,016	14,103	13,730	15,920	19,823	23,872
1972	9,441	10,828	12,526	15,057	14,313	16,401	20,153	24,738
1973	9,362	11,010	13,061	16,211	14,748	17,753	21,984	26,611
1974	9,783	11,488	13,921	17,263	15,790	18,815	24,078	28,140
1975	(5)	12,543	14,949	18,459	16,809	19,938	25,033	31,841
1976	(5)	13,559	16,091	19,142	18,193	21,720	26,845	33,060
1977	(5)	13,572	17,016	20,908	19,062	23,755	29,188	37,785
1978	(5)	14,040	18,354	22,616	20,833	26,245	32,201	40,835
1979	(5)	15,333	20,106	24,231	22,996	27,981	34,285	43,933
1980	$16,056	16,795	21,484	26,315	24,719	31,832	37,816	49,730
1981	16,940	18,296	22,799	26,718	27,848	35,193	42,890	53,914
1982	18,573	19,900	25,028	31,221	31,136	38,168	47,553	57,859
1983	19,894	21,992	26,427	33,084	32,678	42,045	51,296	62,645

See footnotes at end of table.

Table 100. Average annual salaries for selected professional, administrative, and technical occupations, 1961-83 [1]—Continued

Year	Chemists							
	I	II	III	IV	V	VI	VII	VIII
1961	$5,772	$6,684	$7,716	$9,504	$11,424	$13,356	$15,456	$18,276
1962	6,120	6,912	7,956	9,936	11,976	13,464	16,524	18,984
1963	6,384	7,188	8,292	10,248	12,420	14,112	16,860	19,824
1964 [1]	6,456	7,320	8,604	10,632	12,744	14,748	17,328	23,084
1965 [1]	6,612	7,584	8,808	10,980	13,068	15,168	17,928	22,212
1966	7,104	7,884	9,108	11,448	13,740	15,936	18,900	23,304
1967	7,590	8,482	9,719	12,044	14,405	16,575	20,110	24,676
1968	8,061	8,931	10,187	12,751	15,263	17,324	20,561	25,416
1969	8,736	9,626	11,063	13,359	16,080	18,529	22,473	27,092
1970	9,164	10,233	11,737	14,218	17,066	19,700	22,937	27,731
1971	9,688	10,776	12,459	15,036	17,928	20,514	24,520	29,714
1972	9,838	11,092	12,901	15,670	18,581	21,277	25,888	30,827
1973	10,028	11,534	13,217	16,140	19,312	22,602	26,899	32,099
1974	10,660	12,408	14,298	17,283	20,702	24,079	28,203	34,475
1975	11,801	13,288	15,572	19,204	22,700	26,729	31,362	37,855
1976	12,473	14,077	16,589	20,429	24,099	28,868	33,559	40,723
1977	12,872	14,439	17,600	21,674	26,214	30,526	36,329	44,642
1978	13,492	16,337	19,453	23,532	28,494	33,110	38,927	47,156
1979	14,455	17,365	21,025	25,459	30,828	35,232	42,016	48,961
1980	16,200	19,571	23,373	27,681	33,793	38,137	45,883	([5])
1981	18,092	21,089	25,438	30,801	36,663	41,911	48,845	([5])
1982	19,640	23,474	28,016	34,047	40,207	46,971	53,658	([5])
1983	21,365	24,341	29,413	35,439	42,892	51,028	60,471	([5])
	Engineers							
	I	II	III	IV	V	VI	VII	VIII
1961	$6,576	$7,308	$8,460	$9,984	$11,520	$13,368	$16,476	$19,056
1962	6,708	7,488	8,652	10,248	11,880	13,740	16,608	19,572
1963	7,056	7,728	8,928	10,728	12,540	14,400	17,256	19,992
1964 [1]	7,344	8,004	9,204	11,016	12,924	14,820	17,652	20,484
1965 [1]	7,512	8,292	9,468	11,376	13,272	15,336	18,012	21,108
1966	7,764	8,496	9,780	11,784	13,788	15,828	18,672	21,636
1967	8,388	9,078	10,330	12,424	14,523	16,604	19,332	22,235
1968	9,023	9,771	10,963	13,095	15,223	17,361	20,216	23,280
1969	9,662	10,455	11,701	13,893	16,107	18,577	21,199	24,020
1970	10,209	11,077	12,350	14,695	17,004	19,471	22,328	25,393
1971	10,677	11,694	13,117	15,535	17,979	20,547	23,508	26,736
1972	10,921	12,071	13,682	16,159	18,628	21,402	24,367	27,885
1973	11,203	12,591	14,326	17,030	19,614	22,586	25,681	29,499
1974	11,901	13,171	15,160	17,929	20,654	23,827	26,960	31,469
1975	12,917	14,197	16,330	19,443	22,427	26,109	29,101	34,114
1976	13,918	15,184	17,482	20,749	24,082	27,737	30,850	36,236
1977	14,613	16,221	18,696	22,072	25,620	29,376	32,999	38,063
1978	15,928	17,567	20,194	23,972	28,001	32,264	36,520	42,104
1979	17,345	19,026	21,931	25,989	30,472	34,801	39,340	45,221
1980	19,411	21,285	24,160	28,486	33,141	38,259	43,242	50,079
1981	21,712	23,663	26,746	31,352	36,725	42,622	49,287	56,828
1982	23,622	26,060	29,331	34,443	40,677	47,442	54,338	62,494
1983	25,556	27,769	31,307	36,726	43,720	51,460	58,167	66,938

See footnotes at end of table.

Table 100. Average annual salaries for selected professional, administrative, and technical occupations, 1961-83[1]—Continued

Year	Engineering technicians [7]					Drafters [8]				
	I	II	III	IV	V	I	II	III	IV	V
1961	–	–	–	–	–	–	–	–	–	–
1962	$4,704	$5,460	$6,252	$7,068	$7,932	–	–	–	–	–
1963	4,764	5,580	6,432	7,272	8,256	–	–	–	–	–
1964	4,872	5,820	6,672	7,512	8,556	–	–	–	–	–
1965	4,932	5,892	6,828	7,680	8,676	–	–	–	–	–
1966	5,100	6,000	6,984	7,908	8,940	–	–	–	–	–
1967	5,366	6,305	7,235	8,318	9,341	–	–	–	–	–
1968	5,585	6,661	7,596	8,767	9,788	–	–	–	–	–
1969	5,942	7,011	8,040	9,300	10,321	–	–	–	–	–
1970	6,298	7,520	8,541	9,837	11,043	–	–	–	–	–
1971	6,854	7,963	9,148	10,389	11,815	–	–	–	–	–
1972	7,208	8,207	9,507	10,788	12,259	–	–	–	–	–
1973	7,500	8,613	10,005	11,257	12,799	–	–	–	–	–
1974	7,975	9,122	10,491	11,974	13,654	–	–	–	–	–
1975	8,625	9,970	11,397	13,101	14,829	–	–	–	–	–
1976	9,064	10,841	12,258	14,178	16,086	–	–	–	–	–
1977	9,727	11,355	13,151	15,221	17,237	–	–	–	–	–
1978	10,461	11,918	14,062	16,302	18,703	–	–	–	–	–
1979	10,825	12,690	15,094	17,624	20,222	$9,395	$10,715	$12,835	$15,307	$19,269
1980	12,228	14,212	16,756	19,547	22,323	10,216	11,689	14,308	17,215	21,690
1981	13,644	15,679	18,326	21,630	24,609	11,082	12,900	15,612	19,336	24,129
1982	14,688	17,246	20,219	23,620	26,761	11,739	14,257	17,046	20,964	25,909
1983	15,646	18,077	21,460	25,061	28,320	12,142	15,629	18,401	22,454	27,795

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[1] Over the past 20 years, the survey has undergone a number of changes in scope that should be borne in mind when making year-to-year comparisons. For example, establishments in nonmetropolitan areas were added to the survey coverage in 1965; firms in mining, construction, and selected transportation and services industries were added to the 1977 survey. The minimum size of establishments in the scope of the survey, moreover, has been lowered since the mid-1960's--from 250 employees in all covered industries to 100 employees in parts of manufacturing and parts or all of several other industry divisions; e.g., finance, insurance, and real estate; in 1979, public accounting firms employing at least 50 workers were added to the survey.

[2] Accountants VI, not shown separately, were included in the survey beginning in 1980. March 1980 average was $40,292; March 1981--$43,754; ;March 1982--$48,549; and March 1983--$51,798.

[3] Job added in 1979.

[4] Revised definition introduced in 1962; data for 1961 not comparable.

[5] Insufficient data obtained to warrant presentation of average salaries.

[6] Revised definition introduced in 1969; data for previous years not comparable for levels I and II. To improve comparability between the decades, data for journeymen and senior levels prior to 1969 have been aligned with the more current skill level designations as follows:
1961-69 level–VII, VI, V, IV.
1969-82 level–VI, V, IV, III.

[7] Job added in 1962.

[8] Revised definition introduced in 1979. Data for previous years not comparable because of changes in the number and definition of work levels.

– Data not available.

Note: Within each occupation, the work levels surveyed, usually designated by Roman numerals with class I assigned to the lowest level, are defined in terms of duties and responsibilities. Specific job factors determining classification, however, vary from occupation to occupation. From 1961 to 1966 the average month of reference was March; from 1967 to 1971 it was moved to June; and since 1972, it has remained March. For additional data see BLS annual bulletin *National Survey of Professional, Administrative, Technical, and Clerical Pay.*

Table 101. Indexes of average straight-time hourly earnings [1] of production workers [2] in selected occupations in nonelectrical machinery manufacturing, selected metropolitan areas, selected years, 1945-83 [3]

[1978=100]

Period	Selected occupations		Production workers in—									
	Laborers, material handling	Tool-and-die makers (other than jobbing)	All areas combined [4]	Baltimore	Boston	Buffalo	Chicago	Cleveland	Dallas-Fort Worth	Denver	Detroit	Hartford
1945: January	14.3	17.2	16.4	16.2	16.2	16.7	15.7	18.0	17.9	-	17.4	16.6
1946: October	17.9	20.1	19.6	19.3	19.0	20.4	19.0	20.9	20.3	-	19.8	19.8
1947: November	19.3	21.6	21.6	21.6	21.2	20.4	21.1	23.9	21.8	-	21.5	21.7
1948: November	21.3	23.2	23.4	23.1	23.7	23.0	23.2	24.9	23.3	-	22.5	24.2
1949: November	21.9	23.6	25.6	24.5	25.8	24.2	25.4	27.1	25.9	-	23.0	23.8
1951: January	23.6	24.8	25.6	24.5	25.8	24.2	25.4	27.1	25.9	-	24.7	25.7
1952: January	25.2	26.1	27.0	25.1	26.8	25.8	26.4	28.5	26.7	-	26.3	27.0
1953: January	27.0	27.6	28.8	27.2	28.4	28.0	28.3	29.9	28.2	-	27.8	29.3
1954: January	28.3	24.3	30.2	28.4	29.8	-	29.6	31.4	29.9	(5)	29.3	30.7
1955: January	29.3	30.2	31.1	30.7	30.8	29.7	30.7	32.2	30.4	31.0	30.1	31.6
1956: January	30.4	31.6	32.6	32.4	31.7	31.5	31.9	33.9	31.2	32.5	31.7	33.1
1958: January	34.3	34.8	35.9	35.9	34.8	35.0	34.8	37.1	34.2	38.0	35.4	36.8
1959: January	35.9	36.2	37.1	38.0	36.4	36.0	36.1	37.9	35.4	38.8	36.1	38.0
1960: January	37.1	37.6	38.6	39.1	38.2	37.3	37.7	40.5	36.5	40.3	37.6	39.7
1961: March-May	38.6	38.9	39.8	40.8	39.9	38.8	38.2	41.4	37.6	41.6	38.7	41.6
1962: March-June	39.5	40.0	40.9	41.6	41.1	39.5	39.4	42.9	38.6	42.0	39.5	42.6
1963: March-May	40.6	40.9	42.1	43.6	42.3	40.8	40.7	44.1	39.6	43.1	40.4	44.0
1964: March-May	42.0	42.3	43.2	44.9	42.9	42.1	42.1	45.2	41.2	44.2	41.2	45.7
1965: April-June	42.8	43.4	44.2	46.1	43.1	43.5	43.0	46.4	42.4	45.5	42.3	46.7
1966: June-July	44.2	45.3	45.9	47.6	45.8	44.5	44.2	48.1	44.3	47.0	43.7	48.4
1968: September-November	50.1	53.0	52.2	53.6	52.4	50.7	50.9	53.5	50.9	55.1	50.9	55.5
1970-71: Winter [6]	58.4	59.6	59.0	58.9	60.4	51.5	59.5	59.5	59.1	65.1	58.0	62.0
1973: February	67.7	67.4	66.8	67.6	68.1	66.2	66.7	68.2	65.2	71.1	65.4	68.5
1974-75: Winter	78.8	79.0	78.1	79.1	76.2	76.6	76.6	79.5	76.0	81.8	76.8	79.9
1978: January	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1981: January	132.5	136.0	133.5	132.3	134.6	131.3	126.3	135.7	136.4	129.8	136.3	134.1
1983: November	156.4	158.1	153.3	157.2	158.3	149.1	149.4	146.4	170.0	152.7	158.5	155.3

See footnotes at end of table.

Table 101. Indexes of average straight-time hourly earnings [1] of production workers [2] in selected occupations in nonelectrical machinery manufacturing, selected metropolitan areas, selected years, 1945-83 [3]—Continued

[1978=100]

Period	Production workers in—											
	Houston	Los Angeles-Long Beach [7]	Milwaukee	Minneapolis- St. Paul	New York [7]	Newark [7]	Philadelphia	Pittsburgh	Portland (Oreg.)	St. Louis	San Francisco-Oakland	Worcester
1945: January	16.9	19.1	14.1	15.3	19.6	18.3	16.7	15.7	–	14.6	16.3	–
1946: October	19.0	22.1	18.4	18.1	23.4	21.5	20.3	19.5	–	17.2	18.6	–
1947: November	21.1	23.7	20.1	19.8	25.8	22.9	21.6	20.9	–	20.4	20.2	–
1948: November	23.6	25.2	21.8	21.6	27.7	25.5	23.8	23.6	–	21.9	21.7	–
1949: November	23.7	25.5	21.8	22.6	29.7	26.2	24.8	23.5	–	22.3	21.8	–
1951: January	25.3	27.4	23.5	23.7	31.6	27.4	26.2	26.5	–	23.5	22.6	–
1952: January	26.5	28.7	25.6	25.1	32.2	29.3	27.6	26.9	–	25.0	24.7	–
1953: January	28.0	30.9	27.4	27.1	34.1	31.1	30.2	28.7	–	26.6	25.5	–
1954: January	29.3	32.0	28.5	28.4	35.8	32.0	31.6	30.9	(5)	29.2	27.3	(5)
1955: January	30.4	33.3	29.3	29.3	37.2	33.0	32.8	31.5	27.6	30.4	28.1	31.6
1956: January	32.0	34.9	30.8	30.5	38.3	34.6	34.1	34.2	28.5	32.1	28.4	33.7
1958: January	35.8	38.7	34.3	33.3	41.7	37.6	36.5	38.2	31.7	35.2	33.6	36.6
1959: January	36.0	39.6	35.4	34.2	42.3	39.2	38.3	40.3	32.7	36.4	36.5	37.9
1960: January	38.7	41.2	36.7	35.5	43.5	39.8	39.9	41.4	35.7	37.8	37.4	38.6
1961: March-May	38.6	42.5	38.0	37.5	45.2	41.4	41.1	42.6	36.4	39.4	38.5	40.6
1962: March-June	39.4	43.8	39.2	38.3	46.9	42.7	42.2	43.3	37.7	41.4	39.5	41.7
1963: March-May	40.2	45.2	40.2	39.2	48.3	43.8	42.7	43.6	38.8	42.9	40.8	43.2
1964: March-May	40.7	45.6	41.1	40.8	49.8	45.8	43.7	44.1	40.0	43.7	41.9	44.1
1965: April-June	41.6	47.4	41.7	41.8	50.6	46.6	44.8	44.8	41.6	45.1	44.2	45.5
1966: June-July	44.1	49.7	43.8	44.0	53.0	48.2	45.9	47.0	42.6	46.8	46.1	47.8
1968: September-November	49.4	55.6	49.2	50.4	57.5	55.4	51.5	50.7	49.6	55.3	52.5	53.4
1970-71: Winter [6]	55.6	61.1	56.7	57.9	64.9	62.6	60.1	55.3	55.4	61.8	60.5	60.9
1973: February	64.1	68.4	65.3	66.1	74.3	69.8	68.5	66.0	63.3	69.5	71.1	68.4
1974-75: Winter	76.5	80.1	75.3	76.5	84.9	81.0	79.6	79.2	76.6	80.1	86.7	77.3
1978: January	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1981: January	137.3	133.8	132.5	142.0	133.0	133.9	130.1	130.0	129.1	129.9	140.9	129.0
1983: November	159.2	162.1	151.1	156.0	153.7	141.7	143.6	144.7	144.4	146.2	162.6	153.7

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[1] Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

[2] Data for the 1978 index were adjusted to reflect changes in the earnings of men and women production workers from 1974 to 1978. Data for the 1974 index and earlier years relate to the earnings of men only.

[3] Data for the periods shown as January 1951-60, December 1970, and December 1971, cover various months, generally winter, of the year.

[4] The all-area average for the years 1945 through 1953 was made up of the areas shown and Providence, Syracuse, Atlanta, Chattanooga, Tulsa, Cincinnati, Indianapolis, and Seattle-Tacoma.

[5] Data for 1954 and earlier years were not sufficiently comparable with information for subsequent years to show here, but these data were included in the total for all areas studied.

[6] Data for Philadelphia relate to April 1971.

[7] Data for 1974 and earlier years also include the following metropolitan areas: Anaheim-Santa Ana-Garden Grove (combined with Los Angeles-Long Beach); Jersey City (combined with Newark); and Nassau-Suffolk (combined with New York).

– Data not available.

NOTE: Dashes indicate no data or data that do not meet publication criteria.

Table 102. Median negotiated wage adjustments in major collective bargaining units, [1] 1954–83

Year	Private nonfarm industries				Manufacturing				Nonmanufacturing			
	All agreements		Agreements with increases		All agreements		Agreements with increases		All agreements		Agreements with increases	
	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent
	First-year adjustments in settlements negotiated during year											
1954	5.6	[2] 3.1	5.7	(3)	5.6	(3)	5.7	(3)	5.6	(3)	5.6	(3)
1955	10.1	[2] 5.4	10.3	(3)	9.4	(3)	9.5	(3)	13.3	(3)	13.9	(3)
1956	10.7	[2] 5.4	10.7	(3)	10.7	(3)	10.7	(3)	10.5	(3)	10.6	(3)
1957	10.1	[2] 4.9	10.4	(3)	9.9	(3)	10.4	(3)	10.4	(3)	10.4	(3)
1958	8.6	3.9	8.8	(3)	7.1	(3)	7.2	(3)	9.7	(3)	9.8	(3)
1959	8.8	3.9	8.8	3.9	7.3	3.5	7.4	3.7	8.8	4.0	8.9	4.0
1960	8.5	3.2	8.7	3.2	8.7	3.2	8.9	3.2	7.4	3.3	7.5	3.3
1961	6.9	2.8	7.0	2.9	6.0	2.4	6.5	2.5	9.0	3.6	10.0	3.6
1962	7.0	2.9	8.0	3.6	5.0	2.4	6.8	2.9	10.2	4.0	10.2	4.1
1963	7.4	3.0	8.5	3.4	6.8	2.5	8.0	3.0	8.5	3.4	9.5	3.5
1964	8.4	3.2	9.0	3.2	5.7	2.0	6.0	2.2	10.0	3.6	10.0	3.6
1965	10.0	3.8	10.0	3.9	10.0	4.0	10.0	4.1	11.0	3.7	11.0	3.7
1966 [4]	12.7	4.8	12.8	4.8	10.2	4.2	10.3	4.2	14.5	5.0	14.6	5.0
1967	16.0	5.6	16.1	5.7	17.5	6.4	18.0	6.4	15.0	5.0	15.0	5.0
1968	23.5	7.2	23.5	7.2	23.5	6.9	23.5	6.9	23.6	7.5	23.6	7.5
1969	25.0	8.0	25.0	8.0	21.4	7.0	21.5	7.0	36.8	10.0	36.8	10.0
1970	32.9	10.0	32.9	10.0	26.3	7.5	26.3	7.5	56.0	14.2	56.0	14.2
1971	44.1	12.2	44.1	12.5	38.4	10.0	39.0	10.1	44.1	12.8	44.1	13.0
1972	28.0	6.3	28.0	6.6	23.3	6.2	24.0	6.2	31.6	6.6	32.3	6.6
1973	26.4	5.5	26.4	5.5	26.4	5.6	26.4	5.6	30.0	5.5	30.0	5.5
1974	45.0	9.0	45.0	9.0	40.0	7.7	40.0	7.7	51.3	9.2	52.0	9.3
1975	61.7	10.0	65.0	10.0	42.0	9.0	45.0	9.2	70.0	10.0	70.0	10.2
1976	45.6	8.5	49.0	8.7	40.0	8.8	40.0	8.8	60.0	8.2	65.0	8.6
1977	50.0	8.0	50.0	8.0	57.9	8.5	60.0	8.6	49.5	8.0	49.5	8.0
1978	50.5	7.3	52.0	7.5	46.0	8.1	46.0	8.2	53.3	7.0	54.0	7.0
1979	50.0	7.7	50.0	7.9	45.7	7.0	45.7	7.0	80.0	8.5	83.0	8.7
1980	80.0	9.4	80.4	9.4	51.3	6.6	51.6	6.6	81.8	9.4	81.8	9.4
1981	95.1	11.0	104.5	11.0	66.2	9.6	69.9	10.2	117.9	11.3	120.0	11.3
1982	25.0	3.7	68.2	7.1	0	0	38.5	5.9	50.7	5.5	72.0	7.5
1983	39.7	3.7	61.9	5.8	0	0	46.7	5.2	57.7	5.6	61.9	5.8
	Annual rate of adjustment over life of settlements negotiated during year											
1963	(3)	(3)	(3)	2.5	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1964	(3)	(3)	(3)	3.0	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1965	(3)	(3)	(3)	3.3	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1966 [4]	(3)	3.9	(3)	3.9	(3)	3.8	(3)	3.8	(3)	3.9	(3)	3.9
1967	14.7	5.0	14.7	5.0	14.5	5.1	14.5	5.1	14.7	5.0	14.7	5.0
1968	17.2	5.2	17.2	5.2	17.0	4.9	17.0	4.9	20.1	5.9	20.1	5.9
1969	21.2	6.8	21.2	6.8	15.8	5.8	15.8	5.8	32.6	8.5	32.6	8.5
1970	31.4	8.1	31.4	8.1	19.0	5.8	19.0	5.8	47.3	12.1	47.3	12.1
1971	31.7	8.0	31.9	8.0	27.6	7.4	28.0	7.5	38.8	8.4	38.9	8.5
1972	25.4	6.0	25.6	6.0	21.0	5.6	21.1	5.6	30.7	6.6	31.6	6.7
1973	23.3	5.2	23.3	5.2	20.6	5.0	20.6	5.0	31.4	5.5	31.7	5.5
1974	33.6	6.6	33.6	6.6	27.9	5.3	27.9	5.3	41.7	7.7	41.8	7.7
1975	47.2	7.4	49.1	7.4	33.6	7.4	34.5	7.5	52.2	7.4	52.2	7.4
1976	38.6	7.0	39.3	7.1	29.3	6.0	29.3	6.1	55.0	7.1	55.0	7.1
1977	33.0	5.0	33.0	5.0	32.9	4.5	32.9	4.5	41.5	5.5	42.5	5.5
1978	47.7	6.8	48.3	6.9	37.2	6.8	37.3	6.8	50.2	6.7	51.2	7.0
1979	43.7	5.1	43.7	5.1	33.6	4.0	33.6	4.0	51.0	6.2	51.0	6.2
1980	47.3	6.3	47.3	6.3	41.1	4.2	41.1	4.2	62.4	8.1	62.4	8.1
1981	72.2	9.0	78.1	9.0	53.8	8.4	54.7	9.0	105.0	9.5	110.2	9.6
1982	33.2	3.8	48.3	5.4	17.6	2.0	36.7	4.9	54.8	5.3	61.9	6.0
1983	31.8	2.9	32.2	3.0	12.7	1.0	34.1	3.1	31.8	2.9	31.8	2.9

See footnotes at end of table.

Table 102. Median negotiated wage adjustments in major collective bargaining units,[1] 1954-83—Continued

Year	Private nonfarm industries				Manufacturing				Nonmanufacturing			
	All agreements		Agreements with increases		All agreements		Agreements with increases		All agreements		Agreements with increases	
	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent
	Changes effective in year											
1956	[3]	[3]	10.8	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]
1957	[3]	[3]	12.7	[3]	[3]	[3]	11.5	[3]	[3]	[3]	14.0	[3]
1958	12.5	[3]	12.6	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]
1959	7.8	3.5	8.8	3.6	8.4	3.5	9.1	3.7	7.0	3.1	7.6	3.4
1960	8.5	3.3	9.4	3.6	9.0	3.3	9.4	3.7	7.0	3.2	8.5	3.7
1961	6.2	2.7	8.0	3.1	6.9	2.7	8.0	3.0	5.7	2.6	9.0	3.6
1962	7.3	2.8	9.0	3.4	6.5	2.6	8.0	3.0	10.0	3.5	10.2	3.8
1963	7.5	2.9	9.4	3.4	7.5	2.7	9.0	3.2	7.4	3.2	10.0	3.7
1964	7.1	2.7	8.5	3.2	5.5	2.0	7.0	2.6	9.2	3.5	10.0	3.6
1965	9.2	3.4	10.0	3.5	10.0	3.4	10.0	3.7	9.0	3.4	9.6	3.4
1966 [4]	10.0	3.6	12.4	4.0	9.9	3.3	12.0	4.2	11.6	3.8	12.7	3.9
1967	12.9	4.4	15.0	4.8	12.0	4.0	12.0	4.4	14.9	4.8	18.0	5.2
1968	19.0	5.5	19.2	5.7	18.2	5.2	19.0	5.4	20.0	6.0	21.8	6.5
1969	19.0	5.1	19.1	5.1	17.5	5.0	18.0	5.0	20.0	5.2	20.0	5.6
1970	25.4	7.3	27.5	7.8	20.0	6.0	20.6	6.0	37.5	8.3	42.5	9.7
1971	31.3	8.0	37.8	9.2	25.3	6.3	27.1	6.6	44.1	10.7	45.1	12.1
1972	25.6	6.0	26.0	6.4	23.0	5.2	23.0	5.4	30.4	7.2	40.1	7.6
1973	34.3	7.3	35.5	7.4	30.0	7.3	30.2	7.4	36.2	7.2	36.2	7.5
1974	43.3	9.5	45.0	9.6	46.0	11.1	46.8	11.3	42.5	8.0	42.5	8.2
1975	53.7	8.6	53.7	8.6	53.3	8.6	53.7	8.6	55.2	8.6	55.2	8.8
1976	48.6	8.1	50.0	8.2	50.0	8.2	50.0	8.4	48.6	8.0	49.0	8.1
1977	54.0	8.0	54.7	8.0	53.0	8.1	53.0	8.1	54.2	8.0	55.0	8.0
1978	60.0	8.5	60.0	8.5	60.0	8.9	60.0	8.9	60.0	8.4	60.0	8.5
1979	76.0	9.0	77.5	9.2	74.0	10.5	76.0	10.6	77.6	8.2	79.1	8.2
1980	81.8	10.7	82.0	10.8	90.8	10.8	90.8	10.9	81.8	10.5	81.8	10.7
1981	101.1	10.5	101.7	10.6	99.4	10.6	103.0	10.6	101.7	10.0	101.7	10.2
1982	67.4	6.7	70.0	7.1	55.7	5.8	60.0	5.9	75.0	7.7	77.3	7.9
1983	45.0	4.7	60.0	5.5	40.0	3.6	40.0	4.1	61.9	5.5	63.5	5.7

[1] Defined as those covering 1,000 workers or more.

[2] Estimated.

[3] Not available.

[4] Prior to 1966, data exclude construction; finance, insurance, and real estate; and the service industries.

NOTE: Adjustments include no wage changes, decreases in wages, andincreases in wages; increases include only those situations where wages were raised.

Table 103. Mean negotiated wage adjustments in major collective bargaining units, 1968–1983

Year	Private nonfarm industries				Manufacturing				Nonmanufacturing			
	All agreements		Agreements with increases		All agreements		Agreements with increases		All agreements		Agreements with increases	
	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent
	First-year adjustment in settlements negotiated during year											
1968	24.3	7.4	24.4	7.4	21.9	7.0	21.9	7.1	26.7	7.8	26.7	7.8
1969	32.5	9.2	32.7	9.3	23.0	7.9	23.0	7.9	43.0	10.8	43.4	10.9
1970	48.8	11.9	48.9	11.9	28.2	8.1	28.2	8.1	67.1	15.2	67.2	15.2
1971	45.7	11.6	46.4	11.7	40.8	10.9	41.3	11.0	50.4	12.2	51.2	12.4
1972	32.5	7.3	33.4	7.5	24.2	6.6	24.7	6.7	37.6	7.8	38.7	8.0
1973	28.8	5.8	29.2	5.9	25.4	5.9	25.6	6.0	31.6	5.7	32.2	5.8
1974	55.0	9.8	55.3	9.9	41.0	8.7	41.3	8.7	62.8	10.5	63.2	10.5
1975	63.5	10.2	66.2	10.6	45.9	9.8	47.2	10.1	70.0	10.4	73.3	10.9
1976	51.9	8.4	54.3	8.7	47.9	8.9	48.1	9.0	56.2	7.7	61.5	8.5
1977	55.0	7.8	56.6	8.0	53.6	8.4	55.1	8.6	56.1	7.4	57.7	7.6
1978	58.4	7.6	59.9	7.8	50.0	8.3	50.3	8.4	61.0	7.4	62.9	7.6
1979	62.7	7.4	65.5	7.7	48.5	6.9	48.6	6.9	80.4	8.0	88.9	8.8
1980	87.9	9.5	88.2	9.5	60.3	7.4	60.6	7.4	107.1	10.9	107.5	11.0
1981	98.4	9.8	113.9	11.2	50.1	7.2	69.7	9.4	122.9	11.2	134.4	12.0
1982	39.3	3.8	74.0	7.0	22.5	2.8	51.6	6.3	57.9	4.8	92.2	7.6
1983	25.7	2.6	65.3	5.8	-4.5	.4	54.6	5.7	42.0	3.8	68.8	5.8
	Annual rate of adjustment over life of settlements negotiated during year											
1968	20.6	5.9	20.6	5.9	16.8	5.2	16.8	5.2	24.3	6.5	24.3	6.5
1969	30.1	7.6	30.2	7.6	18.6	6.0	18.6	6.0	42.8	9.3	42.8	9.3
1970	39.9	8.9	40.0	9.0	22.1	6.0	22.1	6.0	55.7	11.5	55.8	11.6
1971	34.7	8.1	34.9	8.2	29.0	7.3	29.3	7.4	40.2	8.9	40.3	8.9
1972	29.6	6.4	30.2	6.5	21.1	5.6	21.3	5.7	34.8	6.9	35.6	7.0
1973	26.9	5.1	27.0	5.2	21.9	4.9	22.0	4.9	31.0	5.3	31.2	5.4
1974	44.2	7.3	44.3	7.3	30.7	6.1	30.8	6.2	51.8	8.0	51.9	8.0
1975	52.8	7.8	54.4	8.1	38.9	8.0	40.0	8.2	57.8	7.8	59.7	8.0
1976	43.7	6.4	44.9	6.6	33.7	6.0	33.8	6.1	54.1	6.8	57.0	7.2
1977	44.3	5.8	45.2	5.9	36.5	5.5	37.4	5.7	49.7	6.0	50.5	6.1
1978	53.0	6.4	54.1	6.6	41.3	6.6	41.5	6.6	56.6	6.4	58.1	6.5
1979	54.2	6.0	54.2	6.0	39.2	5.4	39.2	5.4	73.0	6.8	73.0	6.8
1980	71.3	7.1	71.4	7.1	46.0	5.4	46.1	5.5	89.0	8.3	89.0	8.3
1981	86.4	7.9	94.7	8.6	45.0	6.1	57.1	7.5	107.4	8.8	112.4	9.1
1982	38.2	3.6	61.6	5.7	21.5	2.6	42.8	5.2	56.7	4.7	75.7	6.2
1983	34.7	2.8	57.9	4.2	20.8	2.1	40.1	4.0	42.2	3.2	56.2	4.3
	Changes effective in year											
1968	20.4	6.0	21.9	6.4	17.9	5.7	19.1	6.0	23.0	6.3	24.8	6.8
1969	23.4	6.5	25.1	7.0	17.5	5.4	18.6	5.7	29.4	7.7	31.6	8.3
1970	35.7	8.8	38.0	9.4	24.8	7.1	26.2	7.5	46.1	10.5	49.7	11.3
1971	40.4	9.2	45.3	10.3	30.4	8.0	33.2	8.7	49.6	10.3	56.8	11.8
1972	30.3	6.6	34.5	7.5	23.1	5.6	24.9	6.1	36.5	7.4	43.6	8.9
1973	34.1	7.0	36.1	7.4	32.3	7.3	33.1	7.4	35.7	6.7	38.8	7.3
1974	50.1	9.4	51.3	9.6	49.8	10.3	50.7	10.5	50.4	8.6	51.8	8.9
1975	52.2	8.7	53.9	9.0	45.5	8.5	46.4	8.7	57.5	8.9	60.1	9.3
1976	51.4	8.1	53.2	8.3	47.4	8.5	48.4	8.7	54.5	7.7	57.0	8.1
1977	56.6	8.0	57.9	8.1	53.0	8.4	54.1	8.6	59.4	7.6	60.7	7.8
1978	61.5	8.2	63.0	8.4	58.2	8.6	59.0	8.7	64.0	7.9	66.0	8.1
1979	75.7	9.1	77.6	9.3	71.8	9.6	73.7	9.8	78.8	8.8	80.7	9.0
1980	75.7	9.1	77.6	9.3	71.8	9.6	73.7	9.8	78.8	8.8	80.7	9.0
1981	90.2	9.9	92.0	10.1	84.7	10.2	86.0	10.4	94.4	9.7	96.6	9.9
1982	96.8	9.7	99.4	10.0	88.0	9.8	92.1	10.2	103.5	9.8	104.8	9.8
1983	77.0	6.8	82.4	7.2	50.6	5.2	54.8	5.6	95.6	7.9	101.5	8.3

Table 104. Percent changes in compensation in collective bargaining settlements covering 5,000 workers or more, 1965-83

Year	Private nonfarm industries		Manufacturing		Nonmanufacturing	
	Mean adjustment	Median adjustment	Mean adjustment	Median adjustment	Mean adjustment	Median adjustment
FIRST-YEAR CHANGES IN CONTRACTS NEGOTIATED DURING THE YEAR						
1966	6.1	5.8	5.6	5.6	6.9	6.0
1967	7.4	7.3	8.4	9.0	6.5	4.9
1968	8.7	8.1	8.7	8.1	8.6	8.2
1969	10.9	10.9	9.6	8.8	12.3	11.8
1970	13.1	12.0	9.9	8.8	15.9	14.0
1971	13.1	13.9	11.7	13.5	14.1	16.0
1972	8.5	7.9	8.5	8.2	8.5	7.9
1973	7.1	6.8	7.0	5.9	7.1	7.0
1974	10.7	10.5	8.8	7.0	11.6	10.5
1975	11.4	11.4	10.4	11.3	11.6	11.9
1976	8.5	8.7	8.7	8.0	8.3	9.1
1977	9.6	9.8	9.9	9.8	9.4	11.0
1978	8.3	7.4	8.5	8.2	8.3	7.1
1979	9.0	8.8	9.2	8.1	8.7	10.5
1980	10.4	10.8	9.1	9.3	11.3	11.3
1981	10.2	10.8	7.3	10.8	11.4	11.3
1982	3.2	1.3	2.5	.2	4.3	3.7
1983	3.4	5.6	.5	.0	4.9	5.7
ANNUAL RATE OF CHANGE OVER LIFE OF CONTRACTS NEGOTIATED DURING THE YEAR						
1965 [1]	([2])	33	([2])	([2])	([2])	([2])
1966	4.1	4.0	4.1	3.8	4.2	4.1
1967	5.1	5.2	5.1	5.2	5.2	4.8
1968	6.5	6.0	5.9	5.9	7.1	6.5
1969	8.2	7.4	6.6	6.6	9.7	9.6
1970	9.1	8.4	6.2	5.5	11.5	11.7
1971	8.8	9.0	7.7	8.8	9.5	9.0
1972	7.4	6.9	6.3	6.2	7.9	7.9
1973	6.1	5.5	6.0	5.5	6.2	6.1
1974	7.8	6.5	6.7	6.2	8.3	7.2
1975	8.1	7.8	9.2	11.3	7.8	7.8
1976	6.6	7.1	6.1	5.0	7.2	7.7
1977	6.2	5.8	5.8	5.1	6.5	5.8
1978	6.3	6.5	6.6	6.5	6.3	6.5
1979	6.6	6.2	6.5	5.8	6.8	6.4
1980	7.1	5.6	5.9	5.0	7.8	5.8
1981	8.3	8.7	6.8	10.0	9.0	8.7
1982	2.8	2.1	2.0	-.5	3.9	3.4
1983	3.0	3.0	1.9	.0	3.6	3.0

[1] Coverage limited to settlements for 10,000 workers or more in 1965.

[2] Not available.

Table 105. Employment Cost Index, 1975-84

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Compensation (wages, salaries, and employer costs for employee benefits)											
CIVILIAN WORKERS [1]												
1981	-	100.0	102.6	104.5	-	-	2.6	1.9	-	-	-	-
1982	106.3	107.5	110.1	111.4	1.7	1.1	2.4	1.2	-	7.5	7.3	6.6
1983	113.2	114.5	116.5	117.8	1.6	1.1	1.7	1.1	6.5	6.5	5.8	5.7
1984	119.8	120.8	122.4	-	1.7	.8	1.3	-	5.8	5.5	5.1	-
White-collar workers:												
1981	-	100.0	102.7	104.9	-	-	2.7	2.1	-	-	-	-
1982	106.5	107.7	110.7	111.9	1.5	1.1	2.8	1.1	-	7.7	7.8	6.7
1983	113.7	114.9	117.6	118.9	1.6	1.1	2.3	1.1	6.8	6.7	6.2	6.3
1984	120.9	122.1	124.0	-	1.7	1.0	1.6	-	6.3	6.3	5.4	-
Blue-collar workers:												
1981	-	100.0	102.3	104.1	-	-	2.3	1.8	-	-	-	-
1982	105.7	107.1	109.2	110.5	1.5	1.3	2.0	1.2	-	7.1	6.7	6.1
1983	112.3	113.6	114.8	115.8	1.6	1.2	1.1	.9	6.2	6.1	5.1	4.8
1984	117.7	118.6	119.6	-	1.6	.8	.8	-	4.8	4.4	4.2	-
Service workers:												
1981	-	100.0	102.8	104.2	-	-	2.8	1.4	-	-	-	-
1982	107.2	108.3	110.8	112.4	2.9	1.0	2.3	1.4	-	8.3	7.8	7.9
1983	114.3	115.1	116.7	119.1	1.7	.7	1.4	2.1	6.6	6.3	5.3	6.0
1984	122.0	122.1	124.6	-	2.4	.1	2.0	-	6.7	6.1	6.8	-
Manufacturing:												
1981	-	100.0	102.1	104.0	-	-	2.1	1.9	-	-	-	-
1982	106.0	107.2	109.3	110.4	1.9	1.1	2.0	1.0	-	7.2	7.1	6.2
1983	112.5	113.5	115.0	116.0	1.9	.9	1.3	.9	6.1	5.9	5.2	5.1
1984	117.9	119.1	120.4	-	1.6	1.0	1.1	-	4.8	4.9	4.7	-
Nonmanufacturing:												
1981	-	100.0	102.8	104.8	-	-	2.8	1.9	-	-	-	-
1982	106.4	107.7	110.5	111.8	1.5	1.2	2.6	1.2	-	7.7	7.5	6.7
1983	113.5	114.9	117.2	118.6	1.5	1.2	2.0	1.2	6.7	6.7	6.1	6.1
1984	120.7	121.6	123.3	-	1.8	.7	1.4	-	6.3	5.8	5.2	-
Service industries:												
1981	-	100.0	104.4	107.1	-	-	4.4	2.6	-	-	-	-
1982	108.2	109.2	113.5	115.0	1.0	.9	3.9	1.3	-	9.2	8.7	7.4
1983	116.6	117.1	121.1	122.6	1.4	.4	3.4	1.2	7.8	7.2	6.7	6.6
1984	125.0	125.5	128.8	-	2.0	.4	2.6	-	7.2	7.2	6.4	-
Public administration: [2]												
1981	-	100.0	104.3	106.0	-	-	4.3	1.6	-	-	-	-
1982	108.1	109.1	112.8	113.6	2.0	.9	3.4	.7	-	9.1	8.1	7.2
1983	116.2	117.0	119.8	121.4	2.3	.7	2.4	1.3	7.5	7.2	6.2	6.9
1984	122.9	123.7	126.9	-	1.2	.7	2.6	-	5.8	5.7	5.9	-
Private industry workers [3]												
1979	-	-	-	86.3	-	-	-	-	-	-	-	-
1980	88.6	90.7	92.8	94.7	2.7	2.3	2.3	2.1	-	-	-	9.8
1981	98.1	100.0	102.0	104.0	3.6	1.9	2.0	2.0	10.7	10.3	10.0	9.8
1982	105.8	107.2	109.3	110.7	1.7	1.3	2.0	1.3	7.8	7.2	7.2	6.4
1983	112.6	113.9	115.6	117.0	1.7	1.2	1.5	1.2	6.4	6.3	5.8	5.7
1984	119.0	120.1	121.1	-	1.7	.9	.8	-	5.7	5.4	4.8	-
White-collar workers:												
1979	-	-	-	86.3	-	-	-	-	-	-	-	-
1980	88.7	90.8	92.6	94.5	2.8	2.3	2.0	2.1	-	-	-	9.5
1981	98.3	100.0	101.8	104.0	3.9	1.8	1.8	2.2	10.8	10.2	10.0	10.1
1982	105.8	107.2	109.5	110.8	1.7	1.3	2.1	1.2	7.6	7.2	7.6	6.5
1983	112.8	114.2	116.5	117.9	1.8	1.2	2.0	1.2	6.6	6.5	6.4	6.4
1984	119.9	121.4	122.4	-	1.7	1.3	.8	-	6.3	6.3	5.1	-

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Compensation (wages, salaries, and employer costs for employee benefits)											
Blue-collar workers:												
1979	–	–	–	86.2	–	–	–	–	–	–	–	–
1980	88.3	90.5	93.0	94.9	2.4	2.5	2.7	2.1	–	–	–	10.1
1981	97.8	100.0	102.2	104.0	3.0	2.3	2.2	1.8	10.7	10.5	10.0	9.6
1982	105.6	107.0	109.0	110.3	1.5	1.3	1.9	1.2	8.0	7.0	6.7	6.1
1983	112.1	113.5	114.6	115.7	1.6	1.2	1.0	1.0	6.2	6.1	5.1	4.9
1984	117.5	118.4	119.3	–	1.6	.8	.8	–	4.8	4.3	4.1	–
Service workers:												
1979	–	–	–	86.2	–	–	–	–	–	–	–	–
1980	89.9	90.8	92.7	94.3	4.3	1.1	2.1	1.7	–	–	–	9.4
1981	99.3	100.0	101.9	103.1	5.4	.7	1.9	1.2	10.5	10.1	9.9	9.3
1982	106.7	107.9	109.6	111.8	3.5	1.1	1.6	2.0	7.5	7.9	7.6	8.4
1983	113.8	114.6	115.1	117.9	1.8	.7	.4	2.4	6.7	6.2	5.0	5.5
1984	121.5	121.2	123.2	–	3.1	-.2	1.7	–	6.8	5.8	7.0	–
Manufacturing:												
1979	–	–	–	86.3	–	–	–	–	–	–	–	–
1980	88.7	90.5	92.6	94.7	2.8	2.0	2.3	2.2	–	–	–	9.8
1981	98.0	100.0	102.1	104.0	3.5	2.0	2.1	1.9	10.5	10.5	10.2	9.8
1982	106.0	107.2	109.3	110.4	1.9	1.1	2.0	1.0	8.2	7.2	7.1	6.2
1983	112.5	113.5	115.0	116.0	1.9	.9	1.3	.9	6.1	5.9	5.2	5.1
1984	117.9	119.1	120.4	–	1.6	1.0	1.1	–	4.8	4.9	4.7	–
Nonmanufacturing:												
1979	–	–	–	86.3	–	–	–	–	–	–	–	–
1980	88.6	90.8	92.9	94.7	2.7	2.5	2.3	2.0	–	–	–	9.8
1981	98.2	100.0	102.0	103.9	3.7	1.8	2.0	1.9	10.9	10.2	9.8	9.7
1982	105.7	107.1	109.3	110.8	1.7	1.3	2.1	1.4	7.6	7.1	7.2	6.6
1983	112.6	114.2	116.0	117.5	1.6	1.4	1.6	1.3	6.5	6.6	6.1	6.0
1984	119.6	120.7	121.6	–	1.8	.9	.7	–	6.2	5.7	4.8	–
Northeast: [4]												
1982	–	–	–	111.7	–	–	–	–	–	–	–	–
1983	112.6	114.3	116.0	117.5	.8	1.5	1.5	1.3	–	–	–	5.2
1984	118.9	120.7	122.4	–	1.2	1.5	1.4	–	5.6	5.6	5.5	–
South: [4]												
1982	–	–	–	110.6	–	–	–	–	–	–	–	–
1983	112.5	113.5	115.6	117.1	1.7	.9	1.9	1.3	–	–	–	5.9
1984	119.7	120.7	120.7	–	2.2	.8	.0	–	6.4	6.3	4.4	–
North Central: [4]												
1982	–	–	–	108.6	–	–	–	–	–	–	–	–
1983	110.9	112.5	113.9	114.7	2.1	1.4	1.2	.7	–	–	–	5.6
1984	117.2	117.9	119.7	–	2.2	.6	1.5	–	5.7	4.8	5.1	–
West: [4]												
1982	–	–	–	112.9	–	–	–	–	–	–	–	–
1983	115.4	116.6	118.0	120.0	2.2	1.0	1.2	1.7	–	–	–	6.3
1984	121.0	122.2	122.5	–	.8	1.0	.2	–	4.9	4.8	3.8	–
Union workers: [4]												
1979	–	–	–	85.2	–	–	–	–	–	–	–	–
1980	87.4	89.7	92.4	94.7	2.5	2.7	3.0	2.5	–	–	–	11.1
1981	97.6	100.0	102.5	104.8	3.1	2.4	2.5	2.2	11.8	11.5	10.9	10.7
1982	106.5	108.4	110.6	112.3	1.6	1.8	2.0	1.5	9.1	8.4	7.9	7.2
1983	114.5	116.0	117.8	118.8	2.0	1.3	1.6	.8	7.5	7.0	6.5	5.8
1984	120.6	121.7	122.6	–	1.5	.9	.7	–	5.3	4.9	4.1	–
Union workers, manufacturing: [4]												
1981	–	100.0	102.3	104.6	–	–	2.3	2.2	–	–	–	–
1982	106.3	108.0	110.3	111.8	1.6	1.6	2.1	1.4	–	8.0	7.8	6.9
1983	114.0	114.8	116.3	117.2	2.0	.7	1.3	.8	7.2	6.3	5.4	4.8
1984	119.3	120.5	121.6	–	1.8	1.0	.9	–	4.6	5.0	4.6	–

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Compensation (wages, salaries, and employer costs for employee benefits)											
Union workers, nonmanufacturing: [4]												
1981	-	100.0	102.7	105.0	-	-	2.7	2.2	-	-	-	-
1982	106.8	108.7	111.0	112.8	1.7	1.8	2.1	1.6	-	8.7	8.1	7.4
1983	114.9	117.1	119.2	120.4	1.9	1.9	1.8	1.0	7.6	7.7	7.4	6.7
1984	121.9	122.8	123.6	-	1.2	.7	.7	-	6.1	4.9	3.7	-
Nonunion workers: [4]												
1979	-	-	-	86.9	-	-	-	-	-	-	-	-
1980	89.3	91.1	92.8	94.6	2.8	2.1	1.9	1.9	-	-	-	8.9
1981	98.4	100.0	101.7	103.5	4.0	1.7	1.7	1.8	10.2	9.8	9.6	9.4
1982	105.3	106.5	108.5	109.7	1.7	1.1	1.9	1.1	7.0	6.5	6.7	6.0
1983	111.5	112.8	114.4	115.9	1.6	1.2	1.4	1.3	5.9	5.9	5.4	5.7
1984	118.0	119.2	120.3	-	1.8	1.0	.9	-	5.8	5.7	5.2	-
Nonunion workers, manufacturing: [4]												
1981	-	100.0	101.8	103.5	-	-	1.8	1.7	-	-	-	-
1982	105.7	106.6	108.4	109.2	2.1	.9	1.7	.7	-	6.6	6.5	5.5
1983	111.2	112.3	113.8	114.9	1.8	1.0	1.3	1.0	5.2	5.3	5.0	5.2
1984	116.6	117.9	119.3	-	1.5	1.1	1.2	-	4.9	5.0	4.8	-
Nonunion workers, nonmanufacturing: [4]												
1981	-	100.0	101.7	103.5	-	-	1.7	1.8	-	-	-	-
1982	105.2	106.4	108.6	109.9	1.6	1.1	2.1	1.2	-	6.4	6.8	6.2
1983	111.6	113.0	114.7	116.4	1.5	1.3	1.5	1.5	6.1	6.2	5.6	5.9
1984	118.6	119.8	120.7	-	1.9	1.0	.8	-	6.3	6.0	5.2	-
Metropolitan areas: [4]												
1979	-	-	-	86.4	-	-	-	-	-	-	-	-
1980	88.5	90.6	92.8	94.7	2.5	2.4	2.4	2.0	-	-	-	9.6
1981	98.1	100.0	102.1	104.1	3.6	1.9	2.1	2.0	10.9	10.3	10.0	9.9
1982	105.7	107.2	109.4	110.9	1.5	1.4	2.1	1.4	7.7	7.2	7.1	6.5
1983	112.9	114.2	116.0	117.4	1.8	1.2	1.6	1.2	6.8	6.5	6.0	5.9
1984	119.4	120.6	121.5	-	1.7	1.0	.7	-	5.8	5.6	4.7	-
Other areas: [4]												
1979	-	-	-	85.6	-	-	-	-	-	-	-	-
1980	88.8	90.3	91.9	94.2	3.8	1.7	1.8	2.5	-	-	-	10.1
1981	98.1	100.0	101.8	103.2	4.1	2.0	1.8	1.4	10.4	10.7	10.7	9.6
1982	106.2	107.0	108.6	109.1	2.9	.8	1.5	.5	8.3	7.0	6.7	5.7
1983	110.8	112.3	113.4	114.5	1.6	1.4	1.0	1.0	4.3	5.0	4.4	4.9
1984	116.7	117.4	119.0	-	1.9	.6	1.4	-	5.3	4.5	4.9	-
State and local government workers												
1981	-	100.0	105.3	107.4	-	-	5.3	2.0	-	-	-	-
1982	108.8	109.3	114.3	115.1	1.3	.5	4.6	.7	-	9.3	8.5	7.2
1983	116.5	117.1	120.8	122.0	1.2	.5	3.2	1.0	7.1	7.1	5.7	6.0
1984	123.9	124.4	128.8	-	1.6	.4	3.5	-	6.4	6.2	6.6	-
White-collar workers:												
1981	-	100.0	105.7	107.8	-	-	5.7	2.0	-	-	-	-
1982	109.1	109.5	114.9	115.8	1.2	.4	4.9	.8	-	9.5	8.7	7.4
1983	117.0	117.5	121.5	122.6	1.0	.4	3.4	.9	7.2	7.3	5.7	5.9
1984	124.5	125.0	129.7	-	1.5	.4	3.8	-	6.4	6.4	6.7	-
Blue-collar workers:												
1981	-	100.0	104.2	105.9	-	-	4.2	1.6	-	-	-	-
1982	108.2	108.9	112.7	113.0	2.2	.6	3.5	.3	-	8.9	8.2	6.7
1983	114.9	115.8	118.0	119.2	1.7	.8	1.9	1.0	6.2	6.3	4.7	5.5
1984	121.9	122.3	125.0	-	2.3	.3	2.2	-	6.1	5.6	5.9	-
Service industries:												
1981	-	100.0	105.8	107.9	-	-	5.8	2.0	-	-	-	-
1982	109.0	109.4	114.9	115.9	1.0	.4	5.0	.9	-	9.4	8.6	7.4

See footnotes at end of table.

Table 105. Employment Cost Index, 1975–84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Compensation (wages, salaries, and employer costs for employee benefits)											
Service industries: —Continued												
1983	116.8	117.4	121.7	122.6	0.8	0.5	3.7	0.7	7.2	7.3	5.9	5.8
1984	124.5	125.0	129.9	-	1.5	.4	3.9	-	6.6	6.5	6.7	-
Schools:												
1981	-	100.0	106.0	107.9	-	-	6.0	1.8	-	-	-	-
1982	108.9	109.1	114.8	115.8	.9	.2	5.2	.9	-	9.1	8.3	7.3
1983	116.6	116.9	121.9	122.6	.7	.3	4.3	.6	7.1	7.1	6.2	5.9
1984	124.5	124.7	130.6	-	1.5	.2	4.7	-	6.8	6.7	7.1	-
Elementary and secondary schools:												
1981	-	100.0	106.3	108.3	-	-	6.3	1.9	-	-	-	-
1982	109.3	109.5	115.6	116.6	.9	.2	5.6	.9	-	9.5	8.7	7.7
1983	117.2	117.4	123.3	123.9	.5	.2	5.0	.5	7.2	7.2	6.7	6.3
1984	125.4	125.7	132.1	-	1.2	.2	5.1	-	7.0	7.1	7.1	-
Hospitals and other services: [5]												
1981	-	100.0	105.0	107.8	-	-	5.0	2.7	-	-	-	-
1982	109.5	110.3	115.3	116.0	1.6	.7	4.5	.6	-	10.3	9.8	7.6
1983	117.5	118.8	121.1	122.6	1.3	1.1	1.9	1.2	7.3	7.7	5.0	5.7
1984	124.4	125.7	127.9	-	1.5	1.0	1.8	-	5.9	5.8	5.6	-
Public administration: [2]												
1981	-	100.0	104.3	106.0	-	-	4.3	1.6	-	-	-	-
1982	108.1	109.1	112.8	113.6	2.0	.9	3.4	.7	-	9.1	8.1	7.2
1983	116.2	117.0	119.8	121.4	2.3	.7	2.4	1.3	7.5	7.2	6.2	6.9
1984	122.9	123.7	126.9	-	1.2	.7	2.6	-	5.8	5.7	5.9	-

See footnotes at end of table.

Table 105. Employment Cost Index, 1975–84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Wages and salaries only											
CIVILIAN WORKERS [1]												
1981	-	100.0	102.5	104.4	-	-	2.5	1.9	-	-	-	-
1982	106.3	107.3	109.7	110.9	1.8	0.9	2.2	1.1	-	7.3	7.0	6.2
1983	112.2	113.4	115.3	116.5	1.2	1.1	1.7	1.0	5.6	5.7	5.1	5.0
1984	117.9	118.8	120.3	-	1.2	.8	1.3	-	5.1	4.8	4.3	-
White-collar workers:												
1981	-	100.0	102.6	104.7	-	-	2.6	2.0	-	-	-	-
1982	106.7	107.6	110.4	111.4	1.9	.8	2.6	.9	-	7.6	7.6	6.4
1983	113.0	114.2	116.7	117.9	1.4	1.1	2.2	1.0	5.9	6.1	5.7	5.8
1984	119.3	120.4	122.2	-	1.2	.9	1.5	-	5.6	5.4	4.7	-
Blue-collar workers:												
1981	-	100.0	102.4	104.0	-	-	2.4	1.6	-	-	-	-
1982	105.5	106.7	108.6	109.8	1.4	1.1	1.8	1.1	-	6.7	6.1	5.6
1983	110.8	112.0	113.1	114.0	.9	1.1	1.0	.8	5.0	5.0	4.1	3.8
1984	115.3	116.1	117.0	-	1.1	.7	.8	-	4.1	3.7	3.4	-
Service workers:												
1981	-	100.0	102.5	103.6	-	-	2.5	1.1	-	-	-	-
1982	106.8	107.9	110.1	111.8	3.1	1.0	2.0	1.5	-	7.9	7.4	7.9
1983	113.2	113.9	115.1	117.4	1.3	.6	1.1	2.0	6.0	5.6	4.5	5.0
1984	120.0	119.8	122.3	-	2.2	-.2	2.1	-	6.0	5.2	6.3	-
Manufacturing:												
1981	-	100.0	102.1	104.0	-	-	2.1	1.9	-	-	-	-
1982	105.9	107.0	108.8	109.8	1.8	1.0	1.7	.9	-	7.0	6.6	5.6
1983	111.0	112.0	113.3	114.5	1.1	.9	1.2	1.1	4.8	4.7	4.1	4.3
1984	115.7	116.8	118.0	-	1.0	1.0	1.0	-	4.2	4.3	4.1	-
Nonmanufacturing:												
1981	-	100.0	102.7	104.5	-	-	2.7	1.8	-	-	-	-
1982	106.5	107.5	110.1	111.3	1.9	.9	2.4	1.1	-	7.5	7.2	6.5
1983	112.7	114.0	116.1	117.4	1.3	1.2	1.8	1.1	5.8	6.0	5.4	5.5
1984	118.9	119.7	121.3	-	1.3	.7	1.3	-	5.5	5.0	4.5	-
Service industries:												
1981	-	100.0	104.4	106.6	-	-	4.4	2.1	-	-	-	-
1982	108.6	109.5	113.2	114.4	1.9	.8	3.4	1.1	-	9.5	8.4	7.3
1983	115.8	116.3	120.1	121.3	1.2	.4	3.3	1.0	6.6	6.2	6.1	6.0
1984	123.3	123.8	127.2	-	1.6	.4	2.7	-	6.5	6.4	5.9	-
Public administration: [2]												
1981	-	100.0	103.8	105.5	-	-	3.8	1.6	-	-	-	-
1982	107.5	108.4	111.9	112.6	1.9	.8	3.2	.6	-	8.4	7.8	6.7
1983	114.6	115.4	118.2	119.4	1.8	.7	2.4	1.0	6.6	6.5	5.6	6.0
1984	120.4	121.3	124.4	-	.8	.7	2.6	-	5.1	5.1	5.2	-
Private industry workers [3]												
1975	-	-	64.0	65.2	-	-	-	1.8	-	-	-	-
1976	66.4	67.5	68.6	69.9	1.9	1.7	1.5	1.9	-	-	7.2	7.2
1977	70.9	72.2	73.5	74.8	1.5	1.9	1.8	1.7	6.8	6.9	7.2	7.0
1978	76.2	77.8	79.3	80.5	1.9	2.1	2.0	1.5	7.5	7.8	8.0	7.7
1979	82.1	83.7	85.5	87.5	2.0	1.9	2.1	2.4	7.8	7.6	7.7	8.7
1980	89.6	91.5	93.5	95.4	2.4	2.1	2.2	2.0	9.1	9.3	9.4	9.0
1981	98.0	100.0	102.0	103.8	2.7	2.0	2.0	1.8	9.3	9.3	9.1	8.8
1982	105.9	107.1	109.0	110.3	2.0	1.1	1.8	1.2	8.1	7.1	6.9	6.3
1983	111.6	112.9	114.5	115.8	1.2	1.2	1.4	1.1	5.4	5.4	5.0	5.0
1984	117.2	118.2	119.2	-	1.2	9	.8	-	5.0	4.7	4.1	-
White-collar workers:												
1975	-	-	65.2	66.2	-	-	-	1.6	-	-	-	-
1976	67.4	68.3	69.3	70.6	1.7	1.4	1.5	1.9	-	-	6.3	6.6
1977	71.5	72.6	73.9	75.2	1.3	1.6	1.7	1.8	6.2	6.4	6.6	6.5

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Wages and salaries only											
White-collar workers: —Continued												
1978	76.6	78.2	79.7	80.6	1.8	2.1	1.9	1.2	7.1	7.6	7.8	7.2
1979	82.2	83.6	85.5	87.6	1.9	1.7	2.3	2.4	7.3	7.0	7.4	8.6
1980	89.7	91.4	93.3	95.2	2.4	1.9	2.1	2.0	9.2	9.3	9.1	8.7
1981	98.1	100.0	101.8	103.9	3.1	1.9	1.8	2.1	9.3	9.4	9.2	9.1
1982	106.2	107.3	109.4	110.6	2.2	1.0	2.0	1.1	8.3	7.3	7.5	6.4
1983	112.2	113.6	115.9	117.2	1.4	1.2	2.0	1.1	5.6	5.9	5.9	6.0
1984	118.5	119.9	120.9	-	1.1	1.2	.8	-	5.6	5.5	4.3	-
Professional and technical workers:												
1975	-	-	64.5	65.6	-	-	-	1.7	-	-	-	-
1976	66.5	67.3	68.4	69.7	1.4	1.1	1.7	1.8	-	-	6.1	6.2
1977	70.7	71.8	73.1	74.3	1.5	1.5	1.8	1.7	6.3	6.7	6.8	6.7
1978	75.5	76.5	78.1	79.3	1.6	1.3	2.1	1.5	6.8	6.6	6.9	6.7
1979	80.8	81.7	84.0	86.3	1.9	1.1	2.7	2.8	7.1	6.8	7.5	8.8
1980	89.2	90.8	93.2	95.3	3.3	1.8	2.7	2.2	10.3	11.1	11.1	10.5
1981	98.2	100.0	103.3	105.5	3.1	1.8	3.3	2.1	10.2	10.1	10.8	10.7
1982	108.0	109.4	111.8	112.9	2.4	1.3	2.2	1.0	10.0	9.4	8.2	7.0
1983	114.8	115.9	119.9	120.4	1.7	1.0	3.5	.4	6.3	5.9	7.2	6.6
1984	122.2	123.8	125.2	-	1.5	1.3	1.1	-	6.4	6.8	4.4	-
Managers and administrators:												
1975	-	-	67.6	68.4	-	-	-	1.3	-	-	-	-
1976	69.3	70.8	71.5	72.2	1.3	2.1	1.0	1.0	-	-	5.8	5.5
1977	73.7	75.2	76.1	76.7	2.1	2.0	1.3	.7	6.3	6.2	6.5	6.2
1978	78.5	79.9	81.0	82.2	2.4	1.8	1.4	1.5	6.5	6.3	6.4	7.2
1979	84.2	85.4	87.1	88.3	2.4	1.5	2.0	1.4	7.2	6.9	7.6	7.4
1980	90.6	92.0	93.5	94.7	2.6	1.6	1.6	1.3	7.7	7.8	7.3	7.2
1981	98.6	100.0	101.6	102.8	4.1	1.4	1.6	1.2	8.8	8.7	8.7	8.6
1982	105.8	107.2	108.5	109.3	2.9	1.3	1.2	.7	7.3	7.2	6.8	6.3
1983	112.0	114.0	114.8	115.7	2.5	1.8	.7	.8	5.9	6.3	5.8	5.9
1984	118.0	119.2	121.0	-	2.0	1.0	1.5	-	5.4	4.6	5.4	-
Sales workers:												
1977	70.0	71.2	72.4	75.3	-	1.7	1.7	4.0	-	-	-	-
1978	75.6	79.6	81.6	81.7	.3	5.4	2.5	.1	7.9	11.8	12.7	8.5
1979	81.5	84.9	85.5	88.9	-.2	4.2	.7	3.9	7.9	6.7	4.8	8.8
1980	88.5	90.7	92.2	94.8	-.5	2.5	1.7	2.8	8.6	6.8	7.8	6.7
1981	96.2	100.0	98.0	101.9	1.5	3.9	-2.0	4.0	8.7	10.2	6.2	7.5
1982	102.2	101.8	104.5	106.2	.3	-.4	2.7	1.6	6.2	1.8	6.6	4.2
1983	105.7	107.1	108.4	111.2	-.5	1.3	1.2	2.6	3.4	5.2	3.7	4.7
1984	110.2	111.9	110.5	-	-.9	1.5	-1.3	-	4.3	4.5	1.9	-
Clerical workers:												
1975	-	-	64.4	65.5	-	-	-	1.8	-	-	-	-
1976	67.0	67.8	69.2	70.1	2.2	1.3	2.0	1.4	-	-	7.4	7.0
1977	71.4	72.2	73.7	75.0	1.8	1.2	2.0	1.7	6.6	6.5	6.5	6.9
1978	76.7	77.8	79.2	80.2	2.4	1.4	1.8	1.3	7.5	7.7	7.4	7.0
1979	82.4	83.5	85.9	87.7	2.7	1.4	2.9	2.1	7.4	7.4	8.5	9.4
1980	90.3	91.9	93.8	95.7	3.0	1.6	2.0	2.1	9.6	10.1	9.2	9.1
1981	98.6	100.0	102.7	104.2	3.0	1.4	2.7	1.5	9.2	8.8	9.5	8.9
1982	107.0	108.3	110.3	111.6	2.7	1.2	1.8	1.2	8.5	8.3	7.4	7.1
1983	113.4	114.6	116.7	118.3	1.6	1.1	1.8	1.4	6.0	5.8	5.8	6.0
1984	119.8	120.7	122.0	-	1.3	.8	1.1	-	5.6	5.3	4.5	-
Blue-collar workers:												
1975	-	-	62.5	63.7	-	-	-	2.0	-	-	-	-
1976	65.1	66.3	67.5	68.8	2.2	1.9	1.8	1.9	-	-	8.1	8.0
1977	70.0	71.5	72.8	74.1	1.7	2.2	1.8	1.8	7.4	7.8	7.8	7.7
1978	75.4	77.1	78.6	80.1	1.8	2.2	2.0	1.9	7.8	7.9	8.0	8.2
1979	81.6	83.5	85.2	87.4	1.9	2.3	2.0	2.5	8.3	8.4	8.4	9.0
1980	89.3	91.6	93.8	95.7	2.3	2.5	2.4	2.1	9.4	9.6	10.0	9.6
1981	97.7	100.0	102.3	103.9	2.0	2.4	2.3	1.6	9.3	9.2	9.1	8.6
1982	105.4	106.6	108.5	109.7	1.4	1.1	1.8	1.1	7.9	6.6	6.1	5.6

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Wages and salaries only											
Blue-collar workers:—Continued												
1983	110.7	111.9	112.9	113.9	0.9	1.1	0.9	0.9	5.0	5.0	4.1	3.8
1984	115.1	115.9	116.7	-	1.1	.7	.7	-	4.0	3.6	3.4	-
Craft and kindred workers:												
1975	-	-	63.4	64.5	-	-	-	1.8	-	-	-	-
1976	65.7	67.1	68.4	69.4	1.9	2.0	2.0	1.3	-	-	7.9	7.5
1977	70.8	72.1	73.8	75.0	2.1	1.9	2.2	1.7	7.7	7.6	7.8	8.2
1978	76.0	77.8	79.6	80.8	1.3	2.3	2.2	1.6	7.4	7.9	7.8	7.7
1979	82.5	84.2	86.1	87.8	2.1	2.1	2.2	1.9	8.5	8.2	8.3	8.6
1980	89.3	91.4	94.0	96.1	1.7	2.4	2.8	2.2	8.2	8.5	9.1	9.4
1981	97.8	100.0	102.9	104.3	1.8	2.2	2.9	1.4	9.6	9.4	9.5	8.5
1982	106.2	107.6	109.6	111.2	1.8	1.3	1.9	1.5	8.6	7.6	6.5	6.6
1983	112.2	113.4	114.3	115.4	.9	1.1	.8	1.0	5.6	5.4	4.3	3.8
1984	116.5	117.3	118.0	-	1.0	.7	.6	-	3.8	3.4	3.2	-
Operatives, except transport:												
1975	-	-	61.4	62.8	-	-	-	2.2	-	-	-	-
1976	64.6	65.1	66.4	68.3	2.8	.8	2.0	2.8	-	-	8.0	8.7
1977	69.4	70.6	71.7	73.2	1.6	1.7	1.6	2.2	7.4	8.4	7.9	7.3
1978	75.0	76.1	77.6	79.3	2.5	1.4	2.0	2.3	8.2	7.8	8.3	8.4
1979	80.9	82.6	84.1	86.6	1.9	2.2	1.7	3.1	7.8	8.6	8.3	9.2
1980	89.4	91.5	93.6	95.5	3.2	2.4	2.3	2.0	10.5	10.7	11.3	10.2
1981	97.8	100.0	102.1	104.1	2.4	2.3	2.1	2.0	9.4	9.3	9.1	9.0
1982	105.4	106.6	108.3	109.3	1.2	1.1	1.6	.9	7.8	6.6	6.1	5.0
1983	110.0	111.1	112.3	113.6	.6	1.0	1.1	1.2	4.4	4.2	3.7	3.9
1984	114.9	115.8	116.6	-	1.1	.8	.7	-	4.5	4.2	3.8	-
Transport equipment operatives:												
1975	-	-	62.5	63.6	-	-	-	1.7	-	-	-	-
1976	64.3	67.2	67.7	68.2	1.2	4.5	.6	.8	-	-	8.3	7.3
1977	68.5	71.3	72.5	73.2	.4	4.2	1.6	1.0	6.4	6.1	7.2	7.3
1978	74.2	77.5	78.6	79.9	1.3	4.5	1.4	1.7	8.4	8.6	8.3	9.2
1979	81.1	83.9	86.0	88.1	1.5	3.5	2.4	2.4	9.3	8.3	9.5	10.2
1980	89.1	92.2	93.5	95.3	1.2	3.5	1.4	1.9	9.8	9.9	8.8	8.2
1981	96.8	100.0	101.0	102.7	1.5	3.3	1.0	1.7	8.6	8.4	8.0	7.8
1982	103.2	104.1	106.0	106.9	.5	.9	1.8	.8	6.6	4.1	5.0	4.1
1983	108.0	110.3	110.7	110.2	1.0	2.1	.4	-.5	4.7	6.0	4.4	3.1
1984	111.7	112.7	113.4	-	1.4	.9	.6	-	3.4	2.2	2.4	-
Nonfarm laborers:												
1975	-	-	62.0	63.5	-	-	-	2.4	-	-	-	-
1976	64.8	66.1	66.9	68.4	2.1	1.9	1.2	2.3	-	-	7.8	7.8
1977	69.6	71.6	72.6	73.6	1.7	2.9	1.3	1.5	7.4	8.4	8.5	7.6
1978	75.4	77.0	78.3	80.1	2.4	2.1	1.7	2.4	8.3	7.4	7.8	8.8
1979	81.4	83.5	84.9	87.4	1.5	2.7	1.7	2.9	7.9	8.6	8.5	9.1
1980	89.6	91.8	93.9	95.7	2.5	2.4	2.3	2.0	10.1	9.9	10.5	9.5
1981	97.5	100.0	101.5	103.3	1.9	2.5	1.5	1.8	8.8	9.0	8.1	7.9
1982	104.1	105.1	106.5	107.8	.8	1.0	1.3	1.2	6.8	5.1	4.9	4.4
1983	109.0	109.8	110.8	112.1	1.1	.7	.9	1.2	4.7	4.5	4.0	4.0
1984	112.9	114.1	114.7	-	.7	1.1	.5	-	3.6	3.9	3.5	-
Service workers:												
1975	-	-	63.5	65.6	-	-	-	3.3	-	-	-	-
1976	66.9	69.1	69.3	70.8	1.9	3.3	.4	2.1	-	-	9.1	7.9
1977	71.7	73.3	74.6	75.3	1.3	2.2	1.7	1.0	7.3	6.2	7.5	6.4
1978	78.0	79.5	81.3	81.9	3.6	1.9	2.3	.6	8.7	8.4	9.1	8.7
1979	84.5	85.2	86.2	87.7	3.2	.9	1.1	1.8	8.3	7.2	5.9	7.2
1980	90.8	91.9	93.4	94.8	3.5	1.1	1.7	1.5	7.6	7.8	8.4	8.1
1981	99.2	100.0	101.8	102.7	4.7	.8	1.8	.9	9.3	8.9	9.0	8.3
1982	106.7	107.9	109.3	111.4	3.9	1.1	1.3	1.9	7.6	7.9	7.4	8.5
1983	112.9	113.5	113.7	116.5	1.3	.5	.2	2.5	5.8	5.2	4.0	4.6
1984	119.8	119.3	121.2	-	2.8	-.4	1.6	-	6.1	5.1	6.6	-

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Wages and salaries only											
Manufacturing:												
1975	-	-	62.9	64.2	-	-	-	2.1	-	-	-	-
1976	65.4	66.4	67.6	69.0	1.9	1.5	1.8	2.2	-	-	7.4	7.5
1977	70.3	71.5	73.1	74.4	1.9	1.8	2.2	1.8	7.4	7.8	8.2	7.8
1978	75.9	77.1	78.5	80.6	2.0	1.6	1.8	2.7	8.0	7.8	7.4	8.3
1979	82.0	83.4	84.9	87.5	1.7	1.8	1.8	3.1	8.0	8.2	8.1	8.6
1980	89.9	91.8	93.6	95.7	2.8	2.0	2.0	2.3	9.7	10.0	10.2	9.4
1981	97.9	100.0	102.1	104.0	2.2	2.2	2.1	1.9	8.8	9.0	9.1	8.7
1982	105.9	107.0	108.8	109.8	1.8	1.0	1.7	.9	8.2	7.0	6.6	5.6
1983	111.0	112.0	113.3	114.5	1.1	.9	1.2	1.1	4.8	4.7	4.1	4.3
1984	115.7	116.8	118.0	-	1.0	1.0	1.0	-	4.2	4.3	4.1	-
Manufacturing, durable goods:												
1976	-	-	66.7	68.4	-	-	-	2.6	-	-	-	-
1977	69.7	70.7	72.3	73.8	1.8	1.5	2.2	2.0	-	-	8.4	7.8
1978	75.1	76.4	77.8	80.0	1.8	1.7	1.9	2.7	7.8	7.9	7.6	8.4
1979	81.4	82.6	84.4	87.1	1.8	1.5	2.1	3.3	8.4	8.2	8.4	9.0
1980	89.3	91.2	93.5	95.7	2.5	2.1	2.5	2.3	9.7	10.4	10.8	9.8
1981	97.9	100.0	102.1	104.5	2.3	2.1	2.1	2.4	9.6	9.6	9.2	9.2
1982	106.3	107.4	109.0	110.3	1.7	1.0	1.5	1.2	8.6	7.4	6.8	5.6
1983	111.1	111.8	112.9	114.4	.7	.6	1.0	1.3	4.5	4.1	3.6	3.7
1984	115.7	116.6	117.7	-	1.1	.8	.9	-	4.1	4.3	4.3	-
Manufacturing, nondurable goods:												
1976	-	-	69.0	70.0	-	-	-	1.5	-	-	-	-
1977	71.3	72.9	74.4	75.6	1.9	2.2	2.0	1.5	-	-	7.8	7.9
1978	77.3	78.4	79.7	81.7	2.3	1.5	1.6	2.5	8.3	7.6	7.1	8.2
1979	83.0	84.8	85.8	88.1	1.5	2.3	1.2	2.7	7.4	8.2	7.6	7.8
1980	91.0	92.7	93.8	95.7	3.2	1.9	1.2	2.1	9.7	9.2	9.2	8.6
1981	97.8	100.0	102.0	103.1	2.2	2.2	2.0	1.1	7.5	7.9	8.8	7.7
1982	105.3	106.3	108.5	109.1	2.1	.9	2.1	.6	7.7	6.3	6.4	5.8
1983	110.9	112.3	113.9	114.6	1.6	1.3	1.4	.6	5.3	5.6	5.0	5.0
1984	115.8	117.1	118.6	-	1.0	1.1	1.3	-	4.4	4.3	4.1	-
Nonmanufacturing:												
1975	-	-	64.6	65.7	-	-	-	1.7	-	-	-	-
1976	67.0	68.2	69.1	70.4	1.9	1.8	1.4	1.8	-	-	7.0	7.1
1977	71.2	72.6	73.7	74.9	1.2	1.9	1.5	1.7	6.4	6.5	6.6	6.5
1978	76.4	78.2	79.8	80.5	1.9	2.4	2.1	.8	7.2	7.8	8.3	7.4
1979	82.2	83.9	85.8	87.5	2.2	2.0	2.3	2.0	7.6	7.2	7.5	8.8
1980	89.5	91.3	93.4	95.2	2.2	2.1	2.3	1.9	8.8	8.9	8.9	8.8
1981	98.1	100.0	102.0	103.8	3.0	2.0	2.0	1.8	9.6	9.5	9.1	9.0
1982	105.9	107.1	109.1	110.5	2.0	1.1	1.9	1.3	8.0	7.1	7.0	6.5
1983	112.0	113.4	115.2	116.5	1.4	1.3	1.6	1.1	5.8	5.9	5.6	5.4
1984	118.0	119.0	119.9	-	1.3	.8	.8	-	5.4	4.9	4.1	-
Contract construction:												
1976	67.0	69.1	70.9	71.6	-	3.1	2.6	1.1	-	-	-	-
1977	72.3	73.9	75.3	76.3	.9	2.3	1.8	1.4	7.8	7.0	6.2	6.6
1978	77.2	79.5	81.4	82.3	1.2	2.9	2.4	1.1	6.9	7.5	8.1	7.8
1979	83.3	85.5	87.2	88.2	1.3	2.6	2.0	1.1	7.9	7.6	7.2	7.2
1980	89.3	91.9	94.5	95.9	1.2	2.9	2.9	1.5	7.1	7.5	8.4	8.8
1981	97.6	100.0	103.0	104.3	1.8	2.4	3.0	1.3	9.4	8.9	9.0	8.8
1982	105.9	107.3	109.1	109.7	1.5	1.3	1.7	.6	8.5	7.3	5.9	5.2
1983	110.4	112.1	112.2	112.9	.6	1.5	.1	.6	4.2	4.5	2.8	2.9
1984	113.3	114.0	114.3	-	.4	.6	.3	-	2.6	1.7	1.9	-
Transportation and public utilities:												
1975	-	-	60.0	61.6	-	-	-	2.6	-	-	-	-
1976	62.8	64.5	65.4	66.9	1.9	2.8	1.3	2.3	-	-	8.9	8.6
1977	68.1	70.1	71.6	73.1	1.9	2.9	2.0	2.1	8.6	8.7	9.5	9.2
1978	74.1	75.6	77.2	78.6	1.4	2.1	2.0	1.9	8.7	7.9	7.9	7.6
1979	80.7	82.0	84.3	86.0	2.6	1.6	2.9	2.0	8.9	8.4	9.2	9.4
1980	88.2	90.2	93.1	95.6	2.5	2.3	3.2	2.7	9.3	10.1	10.4	11.1
1981	97.7	100.0	102.0	103.6	2.3	2.3	2.0	1.6	10.8	10.9	9.6	8.4
1982	105.7	106.9	109.5	111.1	2.0	1.1	2.4	1.5	8.2	6.9	7.4	7.2

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Wages and salaries only											
Transportation and public utilities:—Continued												
1983	112.9	114.7	115.7	116.8	1.6[3]	1.6	0.9	1.0	6.8	7.3	5.7	5.1
1984	118.5	119.3	119.9	-	1.5	.7	.5	-	5.0	4.0	3.6	-
Wholesale and retail trade:												
1975	-	-	64.8	66.0	-	-	-	1.8	-	-	-	-
1976	67.4	68.9	69.5	70.8	2.2	2.2	.9	1.9	-	-	7.3	7.4
1977	72.4	73.7	74.3	75.5	2.2	1.7	.9	1.5	7.3	6.9	7.0	6.6
1978	77.8	79.9	80.8	81.7	3.1	2.7	1.2	1.1	7.4	8.5	8.7	8.3
1979	83.5	85.5	87.1	88.2	2.1	2.4	1.9	1.3	7.3	7.0	7.7	7.9
1980	90.5	92.2	93.6	95.1	2.6	1.9	1.5	1.7	8.4	7.8	7.4	7.8
1981	98.2	100.0	101.3	102.3	3.2	1.9	1.3	1.0	8.5	8.5	8.2	7.6
1982	103.9	105.8	106.5	107.2	1.6	1.8	.7	.7	5.8	5.8	5.1	4.8
1983	108.5	110.8	111.5	112.3	1.2	2.1	.6	.7	4.4	4.7	4.7	4.8
1984	114.3	116.0	116.5	-	1.8	1.5	.4	-	5.3	4.7	4.5	-
Wholesale trade:												
1977	-	73.3	73.2	75.1	-	-	-.2	2.6	-	-	-	-
1978	77.0	78.3	79.2	80.8	2.5	1.8	1.1	2.0	-	6.8	8.2	7.5
1979	82.0	84.4	85.4	87.2	1.6	2.9	1.2	2.1	6.6	7.7	7.8	7.9
1980	89.7	92.1	93.0	95.9	2.9	2.7	.9	3.2	9.4	9.2	8.9	10.0
1981	98.5	100.0	102.0	103.4	2.7	1.5	2.0	1.4	9.8	8.5	9.7	7.8
1982	106.3	108.9	109.0	109.8	2.8	2.4	.1	.7	7.9	8.9	6.9	6.2
1983	111.8	114.1	115.7	116.5	1.8	2.1	1.4	.7	5.2	4.8	6.1	6.1
1984	118.2	120.0	120.7	-	1.5	1.5	.6	-	5.7	5.2	4.3	-
Retail trade:												
1976	-	-	70.5	71.5	-	-	-	1.5	-	-	-	-
1977	72.5	73.8	74.8	75.7	1.3	1.9	1.4	1.1	-	-	6.2	5.8
1978	78.1	80.5	81.5	82.2	3.3	3.1	1.2	.8	7.8	9.1	8.9	8.6
1979	84.0	85.9	87.8	88.6	2.3	2.3	2.1	1.0	7.6	6.7	7.7	7.9
1980	90.8	92.2	93.8	94.8	2.4	1.5	1.8	1.1	8.0	7.3	6.9	7.0
1981	98.1	100.0	101.0	101.9	3.4	2.0	1.0	.9	8.0	8.5	7.7	7.5
1982	103.0	104.5	105.5	106.1	1.1	1.5	1.0	.6	5.0	4.5	4.5	4.1
1983	107.2	109.4	109.9	110.6	1.0	2.1	.5	.6	4.1	4.7	4.2	4.2
1984	112.8	114.4	114.9	-	2.0	1.4	.4	-	5.2	4.6	4.5	-
Finance, insurance, and real estate:												
1978	-	-	-	76.6	-	-	-	-	-	-	-	-
1979	79.0	81.6	83.2	86.7	3.1	3.2	1.9	4.3	-	-	-	13.2
1980	87.1	89.4	91.2	93.1	.4	2.7	2.0	2.1	10.2	9.6	9.7	7.4
1981	95.7	100.0	98.3	102.3	2.7	4.5	-1.7	4.1	9.8	11.8	7.8	9.9
1982	103.7	102.4	106.1	109.0	1.4	-1.3	3.6	2.7	8.4	2.4	7.9	6.5
1983	110.6	111.1	113.5	116.9	1.5	.5	2.2	3.0	6.7	8.5	7.0	7.2
1984	116.1	116.9	115.3	-	-.7	.7	-1.4	-	5.0	5.2	1.6	-
Service industries:												
1975	-	-	67.4	68.6	-	-	-	1.8	-	-	-	-
1976	69.6	70.6	71.8	72.3	1.5	1.5	1.7	.6	-	-	6.6	5.4
1977	72.9	74.2	75.5	76.1	.9	1.8	1.8	.7	4.8	5.1	5.2	5.3
1978	77.4	78.7	80.6	81.2	1.7	1.7	2.4	.7	6.1	6.0	6.7	6.7
1979	82.8	83.7	85.9	88.0	2.1	1.1	2.6	2.5	7.0	6.4	6.6	8.5
1980	90.5	91.9	94.2	95.7	2.7	1.6	2.5	1.6	9.2	9.8	9.6	8.7
1981	99.6	100.0	103.6	105.8	4.0	.4	3.6	2.1	10.1	8.8	10.0	10.6
1982	108.8	110.0	112.5	114.3	2.8	1.1	2.3	1.6	9.2	10.0	8.6	8.0
1983	116.0	116.6	120.4	121.9	1.5	.5	3.3	1.2	6.6	6.0	7.0	6.6
1984	124.2	124.7	127.1	-	1.9	.4	1.9	-	7.1	6.9	5.6	-
Northeast:[4]												
1975	-	-	66.8	67.8	-	-	-	1.4	-	-	-	-
1976	68.4	69.3	71.1	72.3	.9	1.4	2.5	1.7	-	-	6.3	6.6
1977	73.1	74.5	75.8	77.0	1.1	2.0	1.7	1.5	6.8	7.5	6.7	6.5
1978	78.3	79.6	81.0	82.4	1.8	1.6	1.8	1.8	7.2	6.8	6.8	7.1
1979	83.6	85.1	86.5	88.4	1.5	1.7	1.7	2.1	6.8	6.9	6.9	7.3
1980	90.6	92.5	94.2	96.0	2.5	2.1	1.9	1.9	8.3	8.7	8.9	8.6
1981	98.3	100.0	101.7	104.4	2.4	1.7	1.7	2.7	8.5	8.1	7.9	8.8

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Wages and salaries only											
Northeast: ⁴—Continued												
1982	106.1	106.7	109.7	111.5	1.6	0.6	2.8	1.6	7.9	6.7	7.9	6.8
1983	112.0	113.6	115.3	116.6	.4	1.4	1.5	1.1	5.6	6.5	5.1	4.6
1984	117.4	118.9	120.5	–	.7	1.3	1.3	–	4.8	4.7	4.5	–
South: ⁴												
1975	–	–	63.6	64.5	–	–	–	1.5	–	–	–	–
1976	66.0	66.9	68.0	68.9	2.4	1.3	1.7	1.3	–	–	7.0	6.8
1977	69.9	71.4	72.7	73.6	1.5	2.2	1.9	1.2	5.8	6.8	7.0	6.9
1978	75.8	77.4	79.2	80.4	3.0	2.2	2.3	1.6	8.5	8.4	8.8	9.3
1979	82.5	83.8	85.3	87.3	2.6	1.7	1.7	2.4	8.8	8.3	7.7	8.5
1980	89.7	91.4	93.2	94.9	2.8	1.9	1.9	1.9	8.8	9.0	9.3	8.8
1981	98.0	100.0	101.9	102.8	3.3	2.0	1.9	.9	9.3	9.4	9.4	8.3
1982	105.7	107.4	108.8	109.8	2.8	1.6	1.3	.9	7.9	7.4	6.8	6.8
1983	111.4	112.5	114.3	115.7	1.5	1.0	1.6	1.2	5.4	4.7	5.1	5.4
1984	117.9	119.0	119.0	–	1.9	.9	.0	–	5.8	5.8	4.1	–
North Central: ⁴												
1975	–	–	63.9	65.3	–	–	–	2.3	–	–	–	–
1976	66.3	67.4	68.4	70.2	1.5	1.6	1.5	2.6	–	–	7.1	7.4
1977	70.7	71.8	73.2	74.9	.7	1.5	2.0	2.4	6.6	6.5	7.0	6.8
1978	75.9	77.7	78.9	80.1	1.3	2.3	1.6	1.5	7.4	8.2	7.8	6.9
1979	81.7	83.7	85.4	87.6	1.9	2.5	2.0	2.6	7.5	7.8	8.2	9.4
1980	89.7	91.6	93.3	95.3	2.4	2.0	1.9	2.2	9.9	9.3	9.2	8.8
1981	98.1	100.0	101.6	103.3	3.0	1.9	1.6	1.7	9.4	9.2	9.0	8.4
1982	104.7	106.1	107.6	108.6	1.4	1.3	1.4	.9	6.7	6.1	5.9	5.1
1983	110.1	111.5	112.8	113.6	1.4	1.3	1.2	.7	5.2	5.1	4.8	4.6
1984	115.5	116.0	117.8	–	1.7	.4	1.6	–	4.9	4.0	4.4	–
West: ⁴												
1975	–	–	61.8	63.1	–	–	–	2.1	–	–	–	–
1976	65.2	66.7	67.1	68.1	3.3	2.3	.5	1.6	–	–	8.6	8.0
1977	69.9	71.1	72.2	73.5	2.6	1.7	1.5	1.8	7.3	6.7	7.7	7.8
1978	74.9	76.6	78.1	79.2	1.9	2.2	2.0	1.5	7.1	7.6	8.1	7.8
1979	80.8	82.4	84.5	86.0	2.0	2.0	2.5	1.8	7.9	7.7	8.2	8.5
1980	88.2	90.4	93.5	95.3	2.6	2.4	3.4	2.0	9.2	9.6	10.6	10.8
1981	97.9	100.0	103.2	105.1	2.7	2.1	3.2	1.8	10.9	10.7	10.4	10.3
1982	107.9	108.6	110.7	112.0	2.7	.6	1.9	1.2	10.2	8.6	7.3	6.6
1983	114.1	114.9	116.5	118.5	1.9	.7	1.4	1.7	5.7	5.8	5.2	5.8
1984	118.8	119.6	120.0	–	.3	.7	.3	–	4.1	4.1	3.0	–
Union workers: ⁴												
1975	–	–	61.7	63.1	–	–	–	2.4	–	–	–	–
1976	64.2	65.3	66.9	68.3	1.6	1.8	2.4	2.0	–	–	8.5	8.1
1977	69.2	70.7	72.0	73.4	1.4	2.2	1.9	2.0	7.8	8.2	7.7	7.6
1978	74.6	76.1	77.7	79.3	1.6	2.0	2.1	2.0	7.8	7.6	7.9	8.0
1979	80.7	82.4	84.2	86.4	1.8	2.1	2.2	2.6	8.2	8.3	8.4	9.0
1980	88.4	90.8	93.5	95.8	2.3	2.8	2.9	2.5	9.5	10.2	10.9	10.9
1981	97.4	100.0	102.7	105.0	1.7	2.6	2.7	2.2	10.2	10.1	9.9	9.6
1982	106.5	108.1	110.3	111.8	1.4	1.5	2.0	1.4	9.3	8.1	7.4	6.5
1983	112.9	114.2	116.0	116.9	1.0	1.2	1.6	.8	6.0	5.6	5.2	4.6
1984	118.1	119.0	119.8	–	1.0	.8	.7	–	4.6	4.2	3.3	–
Union workers, manufacturing: ⁴												
1976	–	–	65.5	67.3	–	–	–	2.7	–	–	–	–
1977	68.3	69.6	71.3	72.8	1.6	2.0	2.3	2.2	–	–	8.8	8.3
1978	74.1	75.3	77.1	79.2	1.7	1.7	2.4	2.7	8.4	8.1	8.2	8.7
1979	80.5	82.1	83.7	86.6	1.7	2.0	1.9	3.4	8.7	9.1	8.6	9.4
1980	88.8	91.3	93.8	96.1	2.6	2.8	2.8	2.4	10.3	11.1	12.0	11.0
1981	97.7	100.0	102.6	104.7	1.7	2.3	2.6	2.0	10.1	9.6	9.4	8.9
1982	105.9	107.3	109.5	110.8	1.1	1.3	2.1	1.2	8.4	7.3	6.7	5.8
1983	111.4	112.3	113.7	114.8	.5	.8	1.2	1.0	5.2	4.7	3.8	3.6
1984	116.1	117.1	118.1	–	1.1	.9	.9	–	4.2	4.3	3.9	–

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Wages and salaries only											
Union workers, nonmanufacturing: [4]												
1976	-	-	68.2	69.2	-	-	-	1.4	-	-	-	-
1977	70.1	71.7	72.8	74.1	1.2	2.4	1.5	1.8	-	-	6.6	7.0
1978	75.1	76.9	78.3	79.4	1.5	2.3	1.9	1.4	7.2	7.2	7.6	7.3
1979	80.9	82.7	84.8	86.2	1.9	2.2	2.5	1.7	7.7	7.6	8.2	8.5
1980	88.0	90.4	93.1	95.5	2.0	2.8	3.0	2.6	8.8	9.5	9.9	10.8
1981	97.1	100.0	102.8	105.2	1.7	3.0	2.8	2.3	10.4	10.6	10.4	10.2
1982	107.0	108.8	111.1	112.7	1.7	1.7	2.1	1.4	10.2	8.8	8.1	7.1
1983	114.3	116.0	118.3	118.9	1.4	1.5	2.0	.5	6.8	6.6	6.5	5.5
1984	120.1	120.7	121.3	-	1.0	.5	.5	-	5.1	4.1	2.5	-
Nonunion workers: [4]												
1975	-	-	65.2	66.3	-	-	-	1.6	-	-	-	-
1976	67.6	68.7	69.5	70.8	2.0	1.6	1.1	1.8	-	-	6.5	6.8
1977	71.8	73.0	74.3	75.4	1.5	1.7	1.7	1.6	6.2	6.2	6.9	6.6
1978	77.0	78.8	80.2	81.1	2.2	2.2	1.9	1.1	7.3	7.9	8.0	7.6
1979	82.8	84.4	86.0	88.0	2.1	1.9	1.9	2.3	7.5	7.2	7.3	8.5
1980	90.2	91.8	93.4	95.1	2.5	1.7	1.8	1.8	8.9	8.7	8.6	8.0
1981	98.2	100.0	101.6	103.2	3.3	1.8	1.6	1.6	8.9	9.0	8.8	8.5
1982	105.6	106.5	108.3	109.5	2.3	.9	1.7	1.1	7.5	6.5	6.6	6.1
1983	110.9	112.2	113.7	115.2	1.3	1.2	1.3	1.3	5.0	5.4	5.0	5.2
1984	116.7	117.8	118.8	-	1.3	.9	.8	-	5.2	5.0	4.5	-
Nonunion workers, manufacturing: [4]												
1976	-	-	69.5	70.6	-	-	-	1.7	-	-	-	-
1977	72.1	73.3	74.8	75.9	2.1	1.6	2.0	1.5	-	-	7.6	7.4
1978	77.6	78.8	79.9	81.9	2.2	1.6	1.3	2.6	7.6	7.5	6.8	7.9
1979	83.3	84.7	86.0	88.4	1.7	1.7	1.6	2.7	7.3	7.4	7.7	7.9
1980	91.0	92.3	93.4	95.4	3.0	1.4	1.2	2.1	9.3	9.0	8.6	7.9
1981	97.9	100.0	101.7	103.3	2.7	2.1	1.7	1.6	7.6	8.4	8.9	8.3
1982	105.9	106.7	108.2	109.1	2.5	.8	1.4	.8	8.2	6.7	6.4	5.6
1983	110.7	111.8	113.0	114.2	1.5	1.0	1.1	1.1	4.5	4.8	4.4	4.7
1984	115.4	116.5	117.9	-	1.1	1.0	1.2	-	4.2	4.2	4.3	-
Nonunion workers, nonmanufacturing: [4]												
1976	-	-	69.5	70.8	-	-	-	1.9	-	-	-	-
1977	71.6	72.9	74.0	75.2	1.2	1.7	1.6	1.6	-	-	6.6	6.2
1978	76.8	78.7	80.4	80.8	2.1	2.5	2.1	.5	7.2	8.0	8.6	7.5
1979	82.6	84.3	86.0	87.9	2.3	2.0	2.1	2.1	7.6	7.1	7.1	8.8
1980	89.9	91.5	93.4	95.0	2.3	1.9	2.0	1.7	8.8	8.6	8.6	8.1
1981	98.3	100.0	101.6	103.2	3.5	1.7	1.6	1.6	9.4	9.2	8.8	8.6
1982	105.5	106.4	108.3	109.6	2.2	.9	1.8	1.2	7.3	6.4	6.6	6.2
1983	111.0	112.4	114.0	115.6	1.3	1.3	1.4	1.4	5.2	5.6	5.3	5.5
1984	117.2	118.3	119.2	-	1.4	.9	.8	-	5.6	5.2	4.6	-
Metropolitan areas: [4]												
1975	-	-	64.1	65.3	-	-	-	1.9	-	-	-	-
1976	66.5	67.5	68.7	70.0	1.9	1.5	1.7	1.9	-	-	7.1	7.2
1977	70.9	72.2	73.4	74.8	1.4	1.8	1.7	1.9	6.7	7.0	7.0	6.9
1978	76.1	77.7	79.2	80.4	1.7	2.1	2.0	1.6	7.2	7.6	7.8	7.5
1979	82.0	83.6	85.4	87.6	2.0	2.0	2.2	2.5	7.8	7.7	7.9	8.9
1980	89.4	91.4	93.5	95.4	2.1	2.2	2.3	2.0	9.1	9.3	9.5	9.0
1981	97.9	100.0	102.1	104.0	2.6	2.1	2.1	1.9	9.5	9.4	9.1	9.0
1982	105.9	107.1	109.1	110.5	1.8	1.1	1.9	1.3	8.2	7.1	6.9	6.3
1983	111.9	113.2	114.9	116.2	1.3	1.2	1.5	1.1	5.7	5.7	5.3	5.2
1984	117.6	118.6	119.5	-	1.2	.9	.8	-	5.1	4.8	4.0	-
Other areas: [4]												
1975	-	-	63.6	64.6	-	-	-	1.6	-	-	-	-
1976	66.0	67.5	68.1	69.3	2.2	2.4	.9	1.8	-	-	7.1	7.4
1977	70.5	71.9	73.2	74.0	1.6	2.1	1.8	1.1	6.8	6.5	7.4	6.7
1978	76.5	78.2	79.6	80.6	3.4	2.3	1.7	1.3	8.6	8.8	8.7	9.0
1979	82.3	84.0	85.4	87.0	2.1	2.1	1.6	1.9	7.6	7.4	7.3	7.9
1980	90.1	91.5	92.9	95.1	3.6	1.6	1.5	2.4	9.5	8.9	8.9	9.4
1981	98.3	100.0	101.8	103.1	3.3	1.7	1.8	1.3	9.1	9.2	9.5	8.4
1982	106.0	106.8	108.3	108.8	2.8	.8	1.4	.5	7.8	6.8	6.4	5.5

See footnotes at end of table.

Table 105. Employment Cost Index, 1975-84—Continued

[Not seasonally adjusted]

Industry or occupation category, and year	Indexes (June 1981 = 100)				Percent changes for							
					3 months ended—				12 months ended—			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec.
	Wages and salaries only											
Other areas: [4]—Continued												
1983	110.1	111.4	112.3	113.4	1.2	1.2	0.8	1.0	3.9	4.3	3.7	4.2
1984	115.1	116.0	117.5	–	1.5	.8	1.3	–	4.5	4.1	4.6	–
State and local government workers												
1981	–	100.0	105.0	107.0	–	–	5.0	1.9	–	–	–	–
1982	108.2	108.7	113.5	114.0	1.1	.5	4.4	.4	–	8.7	8.1	6.5
1983	115.1	115.7	119.2	120.0	1.0	.5	3.0	.7	6.4	6.4	5.0	5.3
1984	121.6	122.0	126.1	–	1.3	.3	3.4	–	5.6	5.4	5.8	–
White-collar workers:												
1981	–	100.0	105.4	107.5	–	–	5.4	2.0	–	–	–	–
1982	108.5	108.9	114.2	114.6	.9	.4	4.9	.4	–	8.9	8.3	6.6
1983	115.6	116.1	119.8	120.6	.9	.4	3.2	.7	6.5	6.6	4.9	5.2
1984	122.2	122.5	127.1	–	1.3	.2	3.8	–	5.7	5.5	6.1	–
Blue-collar workers:												
1981	–	100.0	103.9	105.5	–	–	3.9	1.5	–	–	–	–
1982	107.5	107.9	111.5	112.0	1.9	.4	3.3	.4	–	7.9	7.3	6.2
1983	113.3	114.3	116.4	116.9	1.2	.9	1.8	.4	5.4	5.9	4.4	4.4
1984	119.1	119.6	121.9	–	1.9	.4	1.9	–	5.1	4.6	4.7	–
Service industries:												
1981	–	100.0	105.5	107.6	–	–	5.5	2.0	–	–	–	–
1982	108.4	108.8	114.2	114.6	.7	.4	5.0	.4	–	8.8	8.2	6.5
1983	115.5	115.9	119.8	120.6	.8	.3	3.4	.7	6.5	6.5	4.9	5.2
1984	122.2	122.5	127.2	–	1.3	.2	3.8	–	5.8	5.7	6.2	–
Schools:												
1981	–	100.0	105.7	107.7	–	–	5.7	1.9	–	–	–	–
1982	108.3	108.5	114.2	114.5	.6	.2	5.3	.3	–	8.5	8.0	6.3
1983	115.2	115.4	119.9	120.6	.6	.2	3.9	.6	6.4	6.4	5.0	5.3
1984	122.2	122.3	127.8	–	1.3	.1	4.5	–	6.1	6.0	6.6	–
Elementary and secondary schools:												
1981	–	100.0	106.0	107.9	–	–	6.0	1.8	–	–	–	–
1982	108.7	108.8	114.9	115.1	.7	.1	5.6	.2	–	8.8	8.4	6.7
1983	115.6	115.8	121.1	121.7	.4	.2	4.6	.5	6.3	6.4	5.4	5.7
1984	122.9	123.0	129.3	–	1.0	.1	5.1	–	6.3	6.2	6.8	–
Hospitals and other services: [5]												
1981	–	100.0	104.6	107.3	–	–	4.6	2.6	–	–	–	–
1982	108.8	109.5	114.3	114.9	1.4	.6	4.4	.5	–	9.5	9.3	7.1
1983	116.5	117.7	119.7	120.6	1.4	1.0	1.7	.8	7.1	7.5	4.7	5.0
1984	121.9	123.1	125.1	–	1.1	1.0	1.6	–	4.6	4.6	4.5	–
Public administration: [2]												
1981	–	100.0	103.8	105.5	–	–	3.8	1.6	–	–	–	–
1982	107.5	108.4	111.9	112.6	1.9	.8	3.2	.6	–	8.4	7.8	6.7
1983	114.6	115.4	118.2	119.4	1.8	.7	2.4	1.0	6.6	6.5	5.6	6.0
1984	120.4	121.3	124.4	–	.8	.7	2.6	–	5.1	5.1	5.2	–

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[1] Includes private industry and State and local government workers, and excludes farm, household, and Federal Government workers.

[2] Consists of legislative, judicial, administrative, and regulatory activities.

[3] Excludes farm and household workers.

[4] The indexes for these series are not strictly comparable to those for the aggregate, occupation, and industry series. A fuller explanation of the calculation of index numbers appears in an article, "Estimation Procedures for the Employment Cost Index," in the May 1982 of the *Monthly Labor Review*.

[5] Includes, for example, library, social, and health services.

– Data not available.

NOTE: Dash indicates that data are not available.

Technical Notes

Prices and Living Conditions

Consumer Prices

(Covers tables 106–110)

The Consumer Price Index (CPI) measures the average change in prices of goods and services purchased by consumers for day-to-day living. The weights used in calculating the index, which remain fixed for relatively long periods, are based on studies of actual expenditures by consumers. The quantities and qualities of the sample items in the "market basket" remain essentially the same between consecutive pricing periods, so that the index measures only the effect of price change on the cost of living. The index does not measure changes in the total amount families spend for living; geographic area indexes do not measure relative differences in prices or living costs between areas.

A study conducted during 1917–19 provided the weights for 1913 to 1935. Since then, the index has undergone five major revisions, which involved bringing the "market basket" of goods and services up to date, revising the weights, and improving the outlet sample and methodology. The fifth major revision of the CPI[1] was completed by January 1978 and included a revised CPI for Urban Wage Earners and Clerical Workers, (CPI-W) and a new index for All Urban Consumers (CPI-U), including salaried workers, the self-employed, the retired, and the unemployed, as well as wage earners and clerical workers. Both indexes use weights relating to expenditures in 1972–73. Starting with the index for January 1983, BLS changed the way homeowner costs are measured in the CPI-U. The change converted the homeownership component from an asset approach, which included both the investment and consumption aspects of homeownership, to a flow-of-services approach, that measures only the cost of shelter services consumed by homeowners.[2] The new approach uses a rental equivalence method which calculates homeowner costs of shelter based on the implicit rent owners would have to pay to rent the homes they own. The old method calculated homeowner costs as home purchase, mortage interest costs, property taxes, property insurance, and maintenance and repair. The CPI-W will be changed to rental equivalence with the data for January 1985. This change does not affect CPI-U data prior to January 1983.

Since January 1978, approximately 224 sets of items called item-strata have been priced for the CPI's. These fairly broad categories of goods and services are exhaustively defined in checklists. The original selection of the specific items to be priced in a specific retail store is generally done by a data collector using the checklist in systematic stages that take into account in each stage sales information provided by the respondent. After the initial selection, the same item (or a close substitute) is priced from period to period so that, as far as possible, differences in reported prices are measures of price change only. All taxes directly associated with the purchase or continued use of the items priced are included in the indexes.

The national indexes for the fifth revision of the CPI are based on prices collected in 85 primary sampling units which include central cities, suburbs, and urbanized places within 25 miles of a selected county or selected group of contiguous counties. Prices are also collected outside of primary sampling units to represent out-of-town purchases. Foods, fuels, rents, and a few other items are priced monthly in all areas. Prices of most other commodities and services are obtained monthly in the five largest areas and bimonthly in the remaining areas. Between scheduled survey dates, prices are held at the level of their last pricing. Price data for the 85 areas are combined for the United States with weights based on the 1970 population of the areas represented by each sample area. Indexes are published for a wide variety of commodities and services, by region, by size of city, for cross-classifications of regions and class population size, and for 28 separate areas, usually consisting of the Standard Metropolitan Statistical Area (SMSA), exclusive of farms. L.A.—Long Beach, Anaheim, Calif., is a combination of two SMSA'S and N.Y.—Northeastern N.J. and Chicago, Ill.—North-

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[1] A detailed description of the old CPI is contained in the *Consumer Price Index: History and Techniques*, BLS Bulletin 1517 (1966). For further information about the revised CPI, see *The Consumer Price Index: Concepts and Content Over the Years*, BLS Report 517 (1977), and *BLS Handbook of Methods*, Vol. II, "The Consumer Price Index," BLS Bulletin 2134-2 (1984).

[2] A more detailed description of this change is contained in "Changing the Homeownership Component of the Consumer Price Index," *The CPI Detailed Report*, January 1983; and Robert Gillingham and Walter Lane, "Changing the Treatment of Shelter Costs for Homeowners in the CPI," *Monthly Labor Review*, June 1982.

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western Ind. are the more extensive Standard Consolidated Areas.[3]

Table 106. The purchasing power of the consumer dollar (1967 = $1) for any given date is calculated as the reciprocal of the index for that date, expressed in dollars. It shows changes in the value of the 1967 dollar resulting from changes in prices of consumer goods and services. Purchasing power of the dollar with reference to other bases can be calculated by dividing the index for the desired base date by the index for the current date and expressing the result in dollars.

Table 109. The relative importance figures shown in this table are percentage distributions of the cost or value weights used in the index calculation. At the time of their introduction, after a major weight revision, the cost weights represent average expenditures for specific classes of goods and services by consumers. However, in the subsequent pricing periods, the value weights and the corresponding relative importance figures change as prices change differentially; i.e., the relative importance increases for an item or group having a greater than average price increase and decreases for one having a less than average price increase. Since the index measures only price change, the cost weights eventually become unrepresentative of actual expenditures and must be revised on the basis of new surveys of consumer expenditures.

Table 110. Annual average indexes for items other than food have been based on quarterly data from 1947 to 1968 and monthly data since January 1969. Since 1964, quarterly and monthly indexes for nonfood items have been based on the latest available prices in all cities in the sample. For example, an index for December includes prices in all cities surveyed in December, as well as prices in those cities surveyed quarterly in October and November. From 1947 to 1963, quarterly indexes were based only on prices in the cities surveyed in March, June, September, and December. Since 1978, bimonthly and monthly indexes for nonfood items have been based on the latest available prices in all cities in the sample. For example, an index for December includes prices in all cities surveyed in December, as well as prices in those cities surveyed bimonthly in November.

Selected area and size group indexes show only different rates of price change among areas or size groups. They do not show whether prices are higher in one area or size group than in another.

Producer Prices

(Covers tables 111-114)

Producer Price Indexes measure average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The sample used for calculating these indexes contains over 3,200 commodities and about 43,000 quotations selected to represent the movement of prices of all commodities produced in the manufacturing, agriculture, forestry, fishing, mining, gas and electricity, and public utilities sectors.

To the extent possible, prices used in calculating the indexes apply to the first significant commercial transaction in the United States, from the production or central marketing point. Price data are generally collected monthly, primarily by mail questionnaire. Respondents are asked to provide net prices or to provide all applicable discounts. The Bureau attempts to base indexes on actual transaction prices; however, list or book prices are used if transaction prices are not available. Most prices are obtained directly from producing companies on a voluntary and confidential basis, but some prices are taken from trade publications or from other government agencies. Prices generally are reported for the Tuesday of the week containing the 13th day of the month.

In aggregating Producer Price Indexes, price changes for the various commodities are averaged together with weights representing their importance in the total net selling value of all commodities. The weighting structure is revised periodically when adequate resources and data from industrial censuses become available. Since January 1976, weights have been based on 1972 shipment values. From January 1967 through December 1975, 1963 shipment values were used as weights.

Producer Price Indexes can be organized by stage of processing, by commodity, or by durability of product. The stage-of-processing structure organizes products by degree of fabrication and class of buyer (i.e., finished goods, intermediate goods, and crude materials). The commodity structure organizes products by similarity of end-use or material composition. Durability of product indexes were constructed to provide price indexes to be used in conjunction with important economic series, such as production or inventory data, which are classified according to durability. Each index measures price changes from a reference period which equals 100.0 (currently 1967 in most cases).

Producer Price Indexes are used for many purposes, including escalation of long-term sales contracts, measurement of general economic price tends, and market analysis. Indexes are currently published in the Bureau's monthly report, *Producer Price Indexes*.

Industry sector price indexes

Industry sector price indexes were inaugurated with an article by Bennett R. Moss in the August 1965 issue of the *Monthly Labor Review*. This article presented price indexes for about 50 "4-digit" Standard Industrial Classification (SIC) industries with annual averages for 1957 through 1963. Indexes for selected SIC industries and related census product classes are currently published in *Producer Prices Indexes*.

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[3] Methods of calculating indexes by population-size group (and areas included) are outlined in "New Consumer Price Indexes by Size of City," *Monthly Labor Review*, August 1972. For an explanation of regional indexes, see "Measuring Regional Price Changes in Urban Areas," *Monthly Labor Review*, Reprint 2920, October 1973.

Two types of industry price indexes are published: "4-digit" SIC industry output price indexes and "5-digit" census product class indexes. The output index is an index of the primary and secondary products produced in the industry weighted by value of shipments originating within the industry. This index is relevant to economic studies which require comparisions of industry price movements with other industry-based statistics such as employment, earnings, value of shipments, and production. For example, an important use of this index is to deflate value of shipments data to derive a measure of industry output in constant dollars. The product class index is weighted by total value of shipments for the product regardless of industry of origin (wherever-made) and hence is a commodity rather than an industry classification. The "4-digit" output index is built up from the "5-digit" product indexes weighted by value of shipments originating in the industry. (Shipment data by industry of origin are not available below the "5-digit" level.)

Since January 1976, weights for the indexes are the 1972 value of shipments obtained from the Census of Manufactures, the Census of Mineral Industries, and data of the U.S. Department of Agriculture. Values include those for interplant transfers, goods processed and consumed in the same establishment, and goods sold for export. Values of imported commodities are not included. The weighting structure is revised when the weighting structure of Producer Price Indexes is updated.

The Bureau is currently phasing out the industry sector price indexes in favor of indexes calculated under the new methodology of the Producer Price Index Revision program. See *BLS Handbook of Methods*, Vol. 1, Bulletin 2134–1, chapter 7.

Export and Import Prices

(Covers tables 115 and 116)

U.S. export and import price indexes cover transactions in nonmilitary goods between the United States and the rest of the world. The export price indexes provide measures of price change for U.S. products sold to other countries, and the import price indexes provide measures of price change for goods purchased from other countries by U.S. residents. With publication of an all-import index in December 1982 and an all-export index in February 1984, all U.S. merchandise imports and exports now are represented in these indexes.

Prices used in constructing the indexes are initially collected through personal visits by BLS field representatives, and thereafter, the prices are collected each calendar quarter by mail questionnaire. To the extent possible, products are priced at the U.S. border for exports and at both the foreign border and the U.S. border for imports. For nearly all products, the prices are for actual transactions completed during the first 2 weeks of the third month of each calendar quarter. Indexes are published for broad and detailed product categories as defined by the Standard International Trade Classification System (SITC), a United Nations product classification system.

Prices are collected according to the specification method. The specifications collected for each product include detailed descriptions of the physical and functional characteristics of the product. The terms of transaction include information on the number of units bought or sold, discounts, credit terms, packaging, class of buyer or seller, etc. When there are changes in either the specifications or terms of transaction of a product, the dollar value of each change is deleted from the total price change in order to obtain the "pure" change. Once this value is determined, a linking procedure is employed which allows for continued repricing of the item.

The export and import price indexes are weighted Laspeyres indexes. The values assigned to each weight category are based on U.S. trade values compiled by the Bureau of the Census. The export and import products reported for the indexes are classified by the basic product classification systems for recording U.S. foreign trade: For exports—the "7-digit" Schedule B classification system of the U.S. Department of Commerce; for imports—the "7-digit" Tariff Schedule of the United States Annotated (TSUSA). In the case of the export price indexes, price relatives in each "7-digit" Schedule B category are weighted by the dollar value of exports in that category during the base period. For the import price indexes, price relatives are weighted by the dollar value of imports in each "7-digit" TSUSA category during the base period. Price relatives are assigned equal importance within each weight category and are then aggregated to the SITC index level. For both indexes, the base weight period is 1980.

Consumer Expenditures

(Covers tables 117–122)

The buying habits of American consumers change over time as a result of such factors as changes in relative prices, real income, family size and composition, and other determinants of people's tastes and preferences. The introduction into the market place of new products and the emergence of new concepts in retailing also influence consumer buying habits.

Surveys of consumer expenditures and income have been undertaken by BLS to gauge the net effects of the many changes in buying habits. Such data are of great importance to researchers in government, labor, universities, and business. The survey data are also used to revise the Consumer Price Index market baskets and item samples.

The Bureau of Labor Statistics has historically conducted surveys of consumer expenditures at intervals of approximately 10 years. The last such survey for which data have been available was conducted in 1972–73. In a significant departure from previous surveys, BLS, in late 1979, initiated a survey to be conducted on a continuous basis, with rotating panels of respondents. The regular flow of data that results from this design provides more timely information on consumption patterns of different kinds of consumer units.

The new, ongoing Consumer Expenditure Survey (CE) is similar to its 1972–73 predecessor. It consists of two separate components, each with its own questionnaire and sample: (1) An interview panel survey in which each of about 5,000 consumer units in the sample is visited by an interviewer every 3 months over a 12-month period, and (2) a diary, or recordkeeping, survey, completed by 5,000 other consumer units for two consecutive 1-week periods. The Bureau of the Census collects the data for both components of the survey.

Several other characteristics of the new survey should be noted. First, only the urban population is represented.[1] Second, the size of the new sample is approximately half that of the previous survey and the expenditure estimates are, therefore, subject to greater sampling error. Third, students living in college- or university-regulated housing report their own expenditures directly instead of having them reported by their parents or legal guardians. Last, the new survey has a somewhat different definition of the "head" of a consumer unit. In previous surveys, husbands were automatically considered to be the heads of consumer units in which both a husband and a wife were present. The new survey adopts the term "householder," or "reference person," defined as the first member of the consumer unit mentioned by the respondent as an owner (or renter) of the premises at the time of the initial interview.

Description of tabular data

The data in tables 117 through 122 present the results from only the diary portion of the Consumer Expenditure Survey. The data cover the calendar 1980–81 time period. In interpreting these expenditure data, several factors should be kept in mind. First, they are weighted sample means. An individual consumer unit may have spent substantially more or substantially less than the average, and some may not have incurred any expense at all for a given product or service during the period. Income, age of family members, and geographic location are among the factors which influence expenditures and should be considered when relating averages to individual circumstances.

Second, consumers report expenditures in the diary survey only when they are in their home city. Expenditures incurred during travel away from home overnight, which may be significant for food and gasoline, are collected in the interview survey.

Third, expenditures reported here are the direct, or out-of-pocket, expenditures of consumer units. Indirect expenditures may be significant for some expenditure categories, for example, utilities. Rental contracts often include some or all utilities, and renters with such contracts would record little or no direct expense for utilities. Therefore, caution should be exercised in making comparisons of expenditures for utilities by consumers of various income classes and types of housing.

Finally, when comparing 1980–81 data with those from earlier years, users should keep in mind the difference in the treatment of the student population. Although the inclusion of students as separate consumer units in the new survey has relatively little effect on estimates for the total population, estimates for some population groups, such as 1-person consumer units, with reference person under 25 years old, are significantly affected.

As further processing of the survey continues, data from the interview portion of the survey will be made available. These data are needed to obtain total expenditure data. In addition, combining several years of data may permit the publication of greater expenditure detail and additional classifications of families from both the diary and interview surveys.

Family Budgets

After a careful review within BLS, it was decided that the family budget program was not of sufficient priority relative to other BLS programs to justify the funds required for its continuation and improvement. Therefore, the family budget program was terminated with the publication of the 1981 budget estimates.

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[1] Due to budget constraints, the rural portion of the sample was dropped from the survey. It was reinstated in 1984.

Table 106. Consumer Price Indexes, selected groups, and purchasing power of the consumer dollar, 1913-83

[1967 = 100]

Year	All items	Food	Rent, residential	Apparel and upkeep	Purchasing power of consumer dollar 1967 = $1.00
1913	29.7	29.2	49.6	29.2	336.7
1914	30.1	29.8	49.6	29.4	332.2
1915	30.4	29.4	49.9	30.1	328.9
1916	32.7	33.1	50.5	33.0	305.8
1917	38.4	42.6	50.1	39.6	260.4
1918	45.1	49.0	51.0	53.6	221.7
1919	51.8	54.6	55.2	71.1	193.1
1920	60.0	61.5	64.9	84.6	166.7
1921	53.6	46.7	74.5	65.2	186.6
1922	50.2	43.7	76.7	53.0	199.2
1923	51.1	45.1	78.6	53.1	195.7
1924	51.2	44.7	81.5	52.6	195.3
1925	52.5	48.4	81.8	51.6	190.5
1926	53.0	50.0	81.0	50.8	188.7
1927	52.0	48.2	79.7	49.7	192.3
1928	51.3	47.7	77.8	49.0	194.9
1929	51.3	48.3	76.0	48.5	194.9
1930	50.0	45.9	73.9	47.5	200.0
1931	45.6	37.8	70.0	43.2	219.3
1932	40.9	31.5	62.8	38.2	244.5
1933	38.8	30.6	54.1	36.9	257.7
1934	40.1	34.1	50.7	40.4	249.4
1935	41.1	36.5	50.6	40.8	243.3
1936	41.5	36.9	51.9	41.1	241.0
1937	43.0	38.4	54.2	43.2	232.6
1938	42.2	35.6	56.0	43.0	237.0
1939	41.6	34.6	56.0	42.4	240.4
1940	42.0	35.2	56.2	42.8	238.1
1941	44.1	38.4	57.2	44.8	226.8
1942	48.8	45.1	58.5	52.3	204.9
1943	51.8	50.3	58.5	54.6	193.1
1944	52.7	49.6	58.6	58.5	189.8
1945	53.9	50.7	58.8	61.5	185.5
1946	58.5	58.1	59.2	67.5	170.9
1947	66.9	70.6	61.1	78.2	149.5
1948	72.1	76.6	65.1	83.3	138.7
1949	71.4	73.5	68.0	80.1	140.1
1950	72.1	74.5	70.4	79.0	138.7
1951	77.8	82.8	73.2	86.1	128.5
1952	79.5	84.3	76.2	85.3	125.8
1953	80.1	83.0	80.3	84.6	124.8
1954	80.5	82.8	83.2	84.5	124.2
1955	80.2	81.6	84.3	84.1	124.7
1956	81.4	82.2	85.9	85.8	122.9
1957	84.3	84.9	87.5	87.3	118.6
1958	86.6	88.5	89.1	87.5	115.5
1959	87.3	87.1	90.4	88.2	114.5
1960	88.7	88.0	91.7	89.6	112.7
1961	89.6	89.1	92.9	90.4	111.6
1962	90.6	89.9	94.0	90.9	110.4
1963	91.7	91.2	95.0	91.9	109.1
1964	92.9	92.4	95.9	92.7	107.6
1965	94.5	94.4	96.9	93.7	105.8
1966	97.2	99.1	98.2	96.1	102.9
1967	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	102.4	105.4	96.0
1969	109.8	108.9	105.7	111.5	91.1
1970	116.3	114.9	110.1	116.1	86.0
1971	121.3	118.4	115.2	119.8	82.4
1972	125.3	123.5	119.2	122.3	79.9
1973	133.1	141.4	124.3	126.8	75.2
1974	147.7	161.7	130.6	136.2	67.8
1975	161.2	175.4	137.3	142.3	62.1
1976	170.5	180.8	144.7	147.6	58.7
1977	181.5	192.2	153.5	154.2	55.1
	Consumer Price Index for All Urban Consumers[1]				
1978	195.4	211.4	164.0	159.6	51.2
1979	217.4	234.5	176.0	166.6	46.1
1980	246.8	254.6	191.6	178.4	40.6
1981	272.4	274.6	208.2	186.9	36.7
1982	289.1	285.7	224.0	191.8	34.6
1983	298.4	291.7	236.9	196.5	33.5
	Consumer Price Index for Urban Wage Earners and Clerical Workers[1]				
1978	195.3	211.2	163.9	159.5	51.2
1979	217.7	234.7	175.9	166.4	46.0
1980	247.0	255.3	191.3	177.4	40.5
1981	272.3	274.9	207.8	186.6	36.8
1982	288.6	285.8	223.5	190.9	34.7
1983	297.4	291.8	236.3	195.6	33.6

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[1] Beginning in January 1978, BLS began publishing CPI's for two population groups: 1) A new CPI for All Urban Consumers (CPI-U) which covers approximately 80 percent of the total noninstitutional civilian population; and 2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI-W) which represents about half the population covered by the CPI-U.

Table 107. The Consumer Price Indexes, [1] and major groups, 1935-83

[1967 = 100]

Year	All items	Food and beverages	Housing	Apparel and upkeep	Transportation	Medical care	Entertainment	Other goods and services
1935	41.1	–	–	40.8	42.6	36.1	–	–
1936	41.5	–	–	41.1	43.0	36.3	–	–
1937	43.0	–	–	43.2	43.7	36.6	–	–
1938	42.2	–	–	43.0	44.0	36.7	–	–
1939	41.6	–	–	42.4	43.0	36.7	–	–
1940	42.0	–	–	42.8	42.7	36.8	–	–
1941	44.1	–	–	44.8	44.2	37.0	–	–
1942	48.8	–	–	52.3	48.1	38.0	–	–
1943	51.8	–	–	54.6	47.9	39.9	–	–
1944	52.7	–	–	58.5	47.9	41.1	–	–
1945	53.9	–	–	61.5	47.8	42.1	–	–
1946	58.5	–	–	67.5	50.3	44.4	–	–
1947	66.9	–	–	78.2	55.5	48.1	–	–
1948	72.1	–	–	83.3	61.8	51.1	–	–
1949	71.4	–	–	80.1	66.4	52.7	–	–
1950	72.1	–	–	79.0	68.2	53.7	–	–
1951	77.8	–	–	86.1	72.5	56.3	–	–
1952	79.5	–	–	85.3	77.3	59.3	–	–
1953	80.1	–	–	84.6	79.5	61.4	–	–
1954	80.5	–	–	84.5	78.3	63.4	–	–
1955	80.2	–	–	84.1	77.4	64.8	–	–
1956	81.4	–	–	85.8	78.8	67.2	–	–
1957	84.3	–	–	87.3	83.3	69.9	–	–
1958	86.6	–	–	87.5	86.0	73.2	–	–
1959	87.3	–	–	88.2	89.6	76.4	–	–
1960	88.7	–	–	89.6	89.6	79.1	–	–
1961	89.6	–	–	90.4	90.6	81.4	–	–
1962	90.6	–	–	90.9	92.5	83.5	–	–
1963	91.7	–	–	91.9	93.0	85.6	–	–
1964	92.9	–	–	92.7	94.3	87.3	–	–
1965	94.5	–	–	93.7	95.9	89.5	–	–
1966	97.2	–	–	96.1	97.2	93.4	–	–
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	104.0	105.4	103.2	106.1	105.7	105.2
1969	109.8	108.8	110.4	111.5	107.2	113.4	111.0	110.4
1970	116.3	114.7	118.2	116.1	112.7	120.6	116.7	116.8
1971	121.3	118.3	123.4	119.8	118.6	128.4	122.9	122.4
1972	125.3	123.2	128.1	122.3	119.9	132.5	126.5	127.5
1973	133.1	139.5	133.7	126.8	123.8	137.7	130.0	132.5
1974	147.7	158.7	148.8	136.2	137.7	150.5	139.8	142.0
1975	161.2	172.1	164.5	142.3	150.6	168.6	152.2	153.9
1976	170.5	177.4	174.6	147.6	165.5	184.7	159.8	162.7
1977	181.5	188.0	186.5	154.2	177.2	202.4	167.7	172.2
	Consumer Price Index for all Urban Consumers							
1978	195.4	206.3	202.8	159.6	185.5	219.4	176.6	183.3
1979	217.4	228.5	227.6	166.6	212.0	239.7	188.5	196.7
1980	246.8	248.0	263.3	178.4	249.7	265.9	205.3	214.5
1981	272.4	267.3	293.5	186.9	280.0	294.5	221.4	235.7
1982	289.1	278.2	314.7	191.8	291.5	328.7	235.8	259.9
1983	298.4	284.4	323.1	196.5	298.4	357.3	246.0	288.3
	Consumer Price Index for Urban Wage Earners and Clerical Workers							
1978	195.3	206.2	202.6	159.5	185.8	219.4	176.2	183.2
1979	217.7	228.7	227.5	166.4	212.8	240.1	187.7	196.3
1980	247.0	248.7	263.2	177.4	250.5	267.2	203.7	213.6
1981	272.3	267.8	293.2	186.6	281.3	295.1	219.0	233.3
1982	288.6	278.5	314.7	190.9	293.1	326.9	232.4	257.0
1983	297.4	284.7	322.0	195.6	300.0	355.1	242.4	286.3

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[1] See footnote 1, table 106.

Table 108. The Consumer Price Indexes,[1] commodity, service, and special groups, 1935-83

[1967=100]

Year	All items	Commodities	Food and beverages	Commodities less food and beverages	Nondurables less food and beverages	Apparel commodities	Nondurables less food, beverages, and apparel	Durables	Commodities less food	Nondurables less food
1935	41.1	40.5	–	–	–	41.3	–	45.2	46.0	43.1
1936	41.5	41.0	–	–	–	41.8	–	45.8	46.5	43.5
1937	43.0	42.6	–	–	–	44.1	–	48.7	48.5	45.3
1938	42.2	41.0	–	–	–	43.7	–	49.6	46.5	45.0
1939	41.6	40.2	–	–	–	43.0	–	48.5	47.7	44.3
1940	42.0	40.6	–	–	–	43.5	–	48.1	48.0	44.7
1941	44.1	43.3	–	–	–	45.8	–	51.4	50.4	46.7
1942	48.8	49.6	–	–	–	53.5	–	58.4	56.0	51.6
1943	51.8	54.0	–	–	–	55.9	–	60.3	58.4	53.8
1944	52.7	54.7	–	–	–	59.8	–	65.9	61.6	56.6
1945	53.9	56.3	–	–	–	63.0	–	70.9	64.1	58.6
1946	58.5	62.4	–	–	–	69.5	–	74.1	68.1	62.9
1947	66.9	75.0	–	–	–	80.4	–	80.3	76.8	72.2
1948	72.1	80.4	–	–	–	85.4	–	86.2	82.7	77.8
1949	71.4	78.3	–	–	–	82.0	–	87.4	81.5	76.3
1950	72.1	78.8	–	–	–	81.1	–	88.4	81.4	76.2
1951	77.8	85.9	–	–	–	88.7	–	95.1	87.5	82.0
1952	79.5	87.0	–	–	–	87.7	–	96.4	88.3	82.4
1953	80.1	86.7	–	–	–	86.7	–	95.7	88.5	83.1
1954	80.5	85.9	–	–	–	86.3	–	93.3	87.5	83.5
1955	80.2	85.1	–	–	–	85.8	–	91.5	86.9	83.5
1956	81.4	85.9	–	–	–	87.3	–	91.5	87.8	85.3
1957	84.3	88.6	–	–	–	88.2	–	94.4	90.5	87.6
1958	86.6	90.6	–	–	–	88.2	–	95.9	91.5	88.2
1959	87.3	90.7	–	–	–	89.0	–	97.3	92.7	89.3
1960	88.7	91.5	–	–	–	90.3	–	96.7	93.1	90.7
1961	89.6	92.0	–	–	–	90.8	–	96.6	93.4	91.2
1962	90.6	92.8	–	–	–	91.2	–	97.6	94.1	91.8
1963	91.7	93.6	–	–	–	92.0	–	97.9	94.8	92.7
1964	92.9	94.6	–	–	–	92.8	–	98.8	95.6	93.5
1965	94.5	95.7	–	–	–	93.6	–	98.4	96.2	94.8
1966	97.2	98.2	–	–	–	96.0	–	98.5	97.5	97.0
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.7	103.6	103.7	104.1	105.6	103.1	103.1	103.7	104.1
1969	109.8	108.4	108.8	108.1	109.0	111.9	106.9	107.0	108.1	108.8
1970	116.3	113.5	114.7	112.6	113.2	116.5	110.9	111.8	112.5	113.1
1971	121.3	117.4	118.3	116.8	117.0	120.1	114.9	116.5	116.8	117.0
1972	125.3	120.9	123.2	119.5	119.9	122.7	117.9	118.9	119.4	119.8
1973	133.1	129.9	139.5	123.6	125.0	127.1	123.6	121.9	123.5	124.8
1974	147.7	145.5	158.7	136.9	142.0	136.1	146.2	130.6	136.6	140.9
1975	161.2	158.4	172.1	149.6	152.8	141.2	161.1	145.5	149.1	151.7
1976	170.5	165.2	177.4	157.3	159.6	145.8	169.5	154.3	156.6	158.3
1977	181.5	174.7	188.0	166.0	168.4	151.6	180.2	163.2	165.1	166.5
	Consumer Price Index for All Urban Consumers									
1978	195.4	187.1	206.3	175.7	176.3	155.7	190.2	173.9	174.7	174.3
1979	217.4	208.4	228.5	196.4	201.6	161.1	226.0	191.1	195.1	198.7
1980	246.8	233.9	248.0	223.8	240.0	171.1	279.4	210.4	222.0	235.2
1981	272.4	253.6	267.3	243.2	263.0	177.7	311.2	227.1	241.2	257.5
1982	289.1	263.8	278.2	253.0	266.7	181.0	315.2	241.1	250.9	261.6
1983	298.4	271.5	284.4	261.1	271.2	184.5	320.3	253.0	259.0	266.3
	Consumer Price Index for Urban Wage Earners and Clerical Workers									
1978	195.3	187.0	206.2	175.6	176.4	155.7	190.2	173.8	174.6	174.4
1979	217.7	208.7	228.7	196.5	202.7	161.2	227.1	190.4	195.2	199.8
1980	247.0	234.1	248.7	223.9	242.0	170.5	281.4	208.6	222.1	237.2
1981	272.3	254.1	267.8	243.9	265.6	177.8	313.3	225.8	241.8	260.0
1982	288.6	264.1	278.5	253.5	268.6	180.7	316.5	240.3	251.4	263.4
1983	297.4	272.9	284.7	263.3	273.2	184.2	321.7	253.8	261.1	268.3

See footnotes at end of table.

Table 108. The Consumer Price Indexes,[1] commodity, service, and special groups, 1935-83—Continued

[1967=100]

Year	Nondurables less food and apparel	Nondurables	Services	Rent, residential	Services less rent	Household services less rent	Transportation services	Medical care services	Other services	Services less medical care
1935	45.4	39.0	40.9	50.6	37.6	–	36.3	31.8	–	–
1936	45.9	39.6	41.3	51.9	37.4	–	36.0	31.9	–	–
1937	47.0	41.1	42.6	54.2	37.8	–	35.7	32.3	–	–
1938	46.9	39.2	43.4	56.0	38.1	–	36.0	32.4	–	–
1939	46.3	38.4	43.5	56.0	38.1	–	36.1	32.5	–	–
1940	46.8	38.9	43.6	56.2	38.1	–	36.1	32.5	–	–
1941	48.4	41.6	44.2	57.2	38.6	–	36.3	32.7	–	–
1942	51.1	47.6	45.6	58.5	40.3	–	38.2	33.7	–	–
1943	53.2	51.8	46.4	58.5	42.1	–	38.2	35.4	–	–
1944	54.7	52.2	47.5	58.6	44.2	–	38.2	36.9	–	–
1945	55.8	53.7	48.2	58.8	45.1	–	38.2	37.9	–	–
1946	58.2	59.6	49.1	59.2	46.7	–	39.0	40.1	–	–
1947	66.2	71.9	51.1	61.1	49.0	–	40.3	43.5	–	–
1948	72.3	77.2	54.3	65.1	51.9	–	44.9	46.4	–	–
1949	72.4	74.9	56.9	68.0	54.5	–	50.0	48.1	–	–
1950	72.9	75.4	58.7	70.4	56.0	–	53.3	49.2	–	–
1951	77.5	82.5	61.8	73.2	59.3	–	58.3	51.7	–	–
1952	79.0	83.4	64.5	76.2	62.2	–	62.4	55.0	–	–
1953	81.0	83.2	67.3	80.3	64.8	–	66.4	57.0	–	–
1954	81.8	83.2	69.5	83.2	66.7	–	69.2	58.7	–	–
1955	82.1	82.5	70.9	84.3	68.2	–	69.4	60.4	–	–
1956	84.1	83.7	72.7	85.9	70.1	–	70.5	62.8	–	–
1957	87.4	86.3	75.6	87.5	73.3	–	73.8	65.5	–	77.6
1958	88.3	88.6	78.5	89.1	76.4	–	78.5	68.7	–	80.4
1959	89.6	88.2	80.8	90.4	79.0	–	81.2	72.0	–	82.5
1960	90.9	89.4	83.5	91.7	81.9	–	83.3	74.9	–	85.2
1961	91.3	90.2	85.2	92.9	83.9	–	85.3	77.7	–	86.7
1962	92.1	90.9	86.8	94.0	85.5	–	86.6	80.2	–	88.1
1963	93.1	92.0	88.5	95.0	87.3	–	87.5	82.6	–	89.6
1964	93.9	93.0	90.2	95.9	89.2	–	89.6	84.6	–	91.2
1965	95.5	94.6	92.2	96.9	91.5	–	92.9	87.3	–	93.2
1966	97.5	98.1	95.8	98.2	95.3	–	96.8	92.0	–	96.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.3	103.9	105.2	102.4	105.7	105.8	104.0	107.3	105.8	104.9
1969	107.0	108.9	112.5	105.7	113.8	115.0	111.3	116.0	111.1	112.0
1970	111.2	114.0	121.6	110.1	123.7	126.4	123.1	124.2	117.3	121.3
1971	115.2	117.7	128.4	115.2	130.8	132.1	133.0	133.3	123.4	127.7
1972	118.2	121.7	133.3	119.2	135.9	138.7	136.0	138.2	126.8	132.6
1973	123.4	132.8	139.1	124.3	141.8	146.2	136.9	144.3	132.6	138.3
1974	143.8	151.0	152.1	130.6	156.0	165.1	141.9	159.1	142.6	151.0
1975	157.9	163.2	166.6	137.3	171.9	183.6	152.7	179.1	153.1	164.7
1976	165.7	169.2	180.4	144.7	186.8	197.2	174.3	197.1	162.3	177.7
1977	175.3	178.9	194.3	153.5	201.6	212.4	188.4	216.7	172.5	190.6
	Consumer Price Index for All Urban Consumers									
1978	185.0	192.0	210.9	164.0	219.4	234.7	197.4	235.4	184.7	206.9
1979	218.2	215.9	234.2	176.0	244.9	267.2	212.8	258.3	199.8	230.1
1980	267.1	245.0	270.3	191.6	285.1	319.1	242.6	287.4	218.7	266.6
1981	296.6	266.3	305.7	208.2	324.3	368.8	271.6	318.2	239.2	302.2
1982	301.1	273.6	333.3	224.0	354.2	402.4	294.4	356.0	259.9	328.6
1983	306.4	279.0	344.9	236.9	–	–	303.6	387.0	278.0	338.1
	Consumer Price Index for Urban Wage Earners and Clerical Workers									
1978	185.0	192.1	210.8	163.9	219.3	234.6	197.7	235.3	185.0	206.8
1979	219.1	216.6	234.4	175.9	245.3	268.3	213.3	258.5	200.2	230.3
1980	269.0	246.3	270.9	191.3	286.0	321.8	242.1	288.9	219.2	267.1
1981	298.7	267.7	306.2	207.8	325.2	372.6	270.5	318.6	238.3	302.7
1982	302.4	274.6	334.0	223.5	355.3	407.8	292.9	353.5	258.1	329.5
1983	307.9	280.0	342.8	236.3	363.2	408.9	300.0	384.1	275.6	336.1

See footnotes at end of table.

Table 108. The Consumer Price Indexes,[1] commodity, service, and special groups, 1935-83—Continued

[1967=100]

Year	All items less food	All items less shelter	All items less mortgage interest costs	All items less medical care	Energy	All items less energy	All items less food and energy	Commodities less food and energy	Energy commodities	Services less energy
1935	44.9	39.8	–	–	–	–	–	–	–	–
1936	45.4	40.3	–	–	–	–	–	–	–	–
1937	47.0	41.6	–	–	–	–	–	–	–	–
1938	47.5	40.4	–	–	–	–	–	–	–	–
1939	47.2	39.7	–	–	–	–	–	–	–	–
1940	47.3	39.9	–	–	–	–	–	–	–	–
1941	48.7	42.4	–	–	–	–	–	–	–	–
1942	52.1	47.7	–	–	–	–	–	–	–	–
1943	53.6	51.3	–	–	–	–	–	–	–	–
1944	55.7	52.2	–	–	–	–	–	–	–	–
1945	56.9	53.6	–	–	–	–	–	–	–	–
1946	59.4	59.0	–	–	–	–	–	–	–	–
1947	64.9	68.5	–	–	–	–	–	–	–	–
1948	69.6	73.9	–	–	–	–	–	–	–	–
1949	70.3	72.6	–	–	–	–	–	–	–	–
1950	71.1	73.1	–	–	–	–	–	–	–	–
1951	75.7	79.2	–	–	–	–	–	–	–	–
1952	77.5	80.8	–	–	–	–	–	–	–	–
1953	79.0	81.0	–	–	–	–	–	–	–	–
1954	79.5	81.0	–	–	–	–	–	–	–	–
1955	79.7	80.6	–	–	–	–	–	–	–	–
1956	81.1	81.7	–	–	–	–	–	–	–	–
1957	83.8	84.4	–	85.2	90.1	83.9	83.3	90.6	90.1	74.7
1958	85.7	86.9	–	87.5	90.3	86.3	85.2	91.8	88.8	77.5
1959	87.3	87.6	–	88.2	91.8	87.0	87.0	93.0	89.9	79.8
1960	88.8	88.9	–	89.4	94.2	88.3	88.3	93.4	91.4	82.4
1961	89.7	89.9	89.8	90.3	94.4	89.3	89.3	93.6	91.3	84.2
1962	90.8	90.9	90.9	91.2	94.7	90.4	90.5	94.4	91.8	85.9
1963	92.0	92.1	92.0	92.3	95.0	91.6	91.6	95.1	92.2	87.7
1964	93.2	93.2	93.2	93.5	94.6	92.9	93.0	96.1	91.5	89.5
1965	94.5	94.6	94.7	94.9	96.3	94.3	94.3	96.4	94.4	91.7
1966	96.7	97.4	97.4	97.7	97.8	97.3	96.6	97.7	96.7	95.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.4	104.1	104.0	104.1	101.5	104.4	104.6	103.9	101.9	105.5
1969	110.1	109.0	109.2	109.7	104.2	110.3	110.7	108.4	105.1	113.3
1970	116.7	114.4	115.1	116.1	107.0	117.0	117.6	113.2	106.9	122.7
1971	122.1	119.3	120.3	120.9	111.2	122.0	123.1	117.6	109.0	129.5
1972	125.8	122.9	124.4	124.9	114.3	126.1	126.9	120.4	110.4	134.3
1973	130.7	131.1	132.1	132.9	123.5	133.8	131.3	123.8	121.7	140.0
1974	143.7	146.1	146.1	147.7	159.7	146.9	142.2	133.2	168.5	152.6
1975	157.1	159.1	159.1	160.9	176.6	160.2	155.3	145.7	181.1	166.4
1976	167.5	168.3	168.4	169.7	189.3	169.2	165.5	153.2	189.5	179.7
1977	178.4	179.1	179.3	180.3	207.3	179.8	175.8	161.1	203.4	192.8
	Consumer Price Index for All Urban Consumers									
1978	191.2	191.3	192.2	194.0	220.4	193.8	188.7	170.8	212.8	209.2
1979	213.0	210.8	211.4	216.1	275.9	213.1	207.0	185.1	287.0	232.4
1980	244.0	235.5	236.1	245.5	361.1	238.0	232.8	202.5	397.4	267.8
1981	270.6	258.5	257.7	270.9	410.0	261.7	257.1	218.1	449.3	302.6
1982	288.4	273.3	272.9	286.8	416.1	279.3	276.1	231.1	429.6	328.5
1983	298.3	283.5	–	295.1	419.3	289.3	287.0	242.9	413.2	338.1
	Consumer Price Index for Urban Wage Earners and Clerical Workers									
1978	191.1	191.4	192.1	193.9	220.3	193.7	188.5	170.7	212.8	209.1
1979	213.1	211.3	211.8	216.2	277.7	213.0	206.7	184.6	288.0	232.6
1980	244.2	236.3	236.6	245.6	364.8	237.3	231.8	201.2	398.8	268.5
1981	270.8	259.3	258.2	270.8	413.4	260.7	256.0	217.1	450.0	303.2
1982	288.2	273.5	272.9	286.4	417.6	278.1	274.9	230.4	430.1	329.2
1983	297.5	283.5	284.3	294.3	420.0	287.5	285.1	243.3	414.2	335.6

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[1] See footnote 1, table 106.

Table 109. Relative importance of major components of the Consumer Price Index, U.S. city average, at dates of major weight revisions

[Percent of all items]

Component	1935-39	December 1952	December 1963	December 1977		December 1983 [1]
				Consumer Price Index for All Urban Consumers	Consumer Price Index for Urban Wage Earners and Clerical Workers	Consumer Price Index for All Urban Consumers
All items	100.0	[2] 100.0	100.0	100.0	100.0	100.0
Food and Beverages	35.4	32.2	25.2	18.8	20.5	19.8
Housing	[3] 33.7	[2] 33.5	34.9	43.9	40.7	37.6
Apparel and upkeep	[4] 11.0	9.4	[5] 10.6	5.8	5.8	5.2
Transportation	8.1	11.3	14.0	18.0	20.2	21.8
Medical care	4.1	4.8	5.7	5.0	4.5	6.1
Entertainment[6]	2.8	4.0	3.9	4.1	3.9	4.2
Other goods and services[7]	4.9	4.8	5.7	4.4	4.4	5.2

[1] Reflects change in relative weights associated with conceptual change in home ownership, but still reflects expenditure pattern introduced in December 1977. The change in relative weighting will be introduced into the CPI-W in December 1984.

[2] Includes home purchase, previously excluded from index coverage.

[3] Includes radios, transferred to "Reading and recreation" as of January 1950. "Reading and recreation" retitled "Entertainment" as of December 1977.

[4] Includes laundry and drycleaning, transferred to "Housing" as of December 1952.

[5] Includes drycleaning and one-half the weight of laundry service included in "Housing" in December 1952.

[6] Called "Reading and recreation" before December 1977.

[7] Includes "Personal care," usually shown separately before December 1977.

Table 110. Consumer Price Index for All Urban Consumers, selected areas, all items index, selected years, 1950-83

[1967 = 100 unless otherwise specified]

Area and region[1]	1950	1955	1960	1961	1962	1963	1964	1965	1966	1968	1969	1970
U.S. city average	72.1	80.2	88.7	89.6	90.6	91.7	92.9	94.5	97.2	104.2	109.8	116.3
Chicago, ill.-Northwestern ind	72.4	82.3	90.7	91.2	92.1	93.0	93.4	94.7	97.4	104.3	109.9	116.3
Detroit, Mich	73.0	82.2	88.2	88.7	88.9	89.8	90.5	92.6	96.7	104.3	110.6	117.4
L.A.-Long Beach, Anaheim, Calif	70.1	78.8	88.5	89.6	90.6	92.0	93.7	95.7	97.5	103.9	108.8	114.3
N.Y., N.Y.-Northeastern N.J.	71.2	78.2	87.3	88.1	89.4	91.3	92.8	94.3	97.5	104.3	110.8	119.0
Philadelphia, Pa.-N.J.	71.3	80.6	88.4	89.4	90.1	91.8	93.2	94.7	97.3	104.8	110.4	117.8
Anchorage, Alaska	–	–	–	–	–	–	–	–	–	–	–	–
Baltimorae, Md.	71.4	79.9	89.1	89.9	90.6	92.0	92.9	94.4	97.7	104.1	110.5	117.0
BOSTON, Mass	69.5	76.6	86.5	87.7	89.6	91.4	92.7	94.5	97.7	104.1	110.0	116.7
Cincinnati, Ohio-Ky.-Ind	74.0	82.3	90.0	90.4	91.3	92.2	93.7	94.4	97.2	104.8	109.8	115.7
Denver-Boulder, Colo	–	–	–	–	–	–	–	–	–	–	–	–
Milwaukee, Wis	73.8	83.6	90.2	90.8	92.0	92.9	93.9	95.8	98.0	103.5	109.5	115.8
Northeast Pennsylvania	72.2	79.2	86.9	88.2	89.7	90.9	92.6	94.1	97.4	104.1	109.5	116.3
Portland, Oreg.-Wash	71.0	78.6	87.1	88.1	88.5	90.2	92.2	94.6	97.5	103.5	108.6	113.2
St. Louis, Mo.-Iii	70.9	80.1	87.7	89.0	90.0	90.9	92.6	94.1	97.2	104.0	109.2	115.2
San Diego, Calif	–	–	–	–	–	–	–	95.2	97.1	104.1	109.5	115.3
Seattle-Everett, Wash	70.3	79.0	87.9	89.3	90.6	92.1	93.4	94.5	97.1	104.1	109.2	114.0
Washington, D.C.-Md.-Va	73.6	81.0	87.7	89.0	89.8	91.3	92.8	94.1	97.3	104.7	111.2	117.6
Atlanta, Ga	72.7	81.7	89.3	89.7	90.5	91.4	92.8	94.0	97.0	104.0	110.2	116.5
Buffalo, N.Y.	–	–	–	–	–	–	92.0	94.2	97.4	104.5	109.6	116.1
Cleveland, Ohio	73.1	82.5	90.6	91.4	91.7	92.7	93.2	94.7	97.2	105.9	111.9	119.3
Dallas-Fort Worth, Tex	–	–	–	–	–	–	92.6	93.8	97.1	104.5	111.3	117.8
Honolulu, Hawaii	–	–	–	–	–	–	92.9	94.6	97.3	103.8	108.5	114.2
Houston, Tex	74.9	82.3	89.2	89.7	91.4	92.3	93.7	94.8	97.5	104.3	111.0	116.8
Kansas City, Mo.-Kans	70.4	78.8	86.9	88.0	89.4	90.3	92.5	95.5	98.0	104.0	109.6	115.8
Minneapolis-St. Paul,Minn.-Wis	72.0	81.4	89.0	89.9	91.0	92.3	93.2	94.5	96.8	104.6	109.9	117.5
Pittsburgh, Pa	72.2	80.3	90.5	91.3	92.1	93.1	94.3	95.8	98.3	104.7	110.4	116.4
San Francissco-Oakland, Calif	67.6	76.6	87.8	88.9	90.3	91.5	92.9	94.7	97.1	104.5	110.2	115.8

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
U.S. city average	121.3	125.3	133.1	147.7	161.2	170.5	181.5	195.4	217.4	246.8	272.4	289.1	298.4
Chicago, ill.-Northwestern ind	120.8	124.3	132.0	146.1	157.6	165.1	175.6	190.7	214.6	245.5	269.0	287.4	298.8
Detroit, Mich	121.7	126.2	134.5	149.0	160.1	168.8	180.4	194.1	218.8	253.5	277.1	288.3	296.5
L.A.-Long Beach, Anaheim, Calif	118.5	122.3	129.2	142.5	157.6	168.0	179.6	192.8	213.7	247.3	271.4	287.6	292.7
N.Y., N.Y.-Northeastern N.J.	125.9	131.4	139.7	154.8	166.6	176.3	185.5	196.1	213.1	237.2	260.5	275.6	288.6
Philadelphia, Pa.-N.J.	123.5	127.0	135.5	151.6	164.2	172.4	183.5	194.3	213.6	241.4	266.0	279.0	287.1
Anchorage, Alaska	112.9	115.9	120.8	133.9	152.3	164.1	175.0	187.5	207.0	228.2	246.5	260.1	264.8
Baltimorae, Md.	123.4	126.3	134.9	152.4	165.2	173.9	185.9	199.6	218.2	250.3	273.6	285.8	298.8
BOSTON, Mass	122.7	127.1	134.7	148.7	162.1	174.5	183.4	193.1	212.9	240.0	266.7	277.7	290.0
Cincinnati, Ohio-Ky.-Ind	120.7	124.7	132.1	146.3	160.3	170.1	182.2	199.1	223.8	254.0	272.1	293.5	312.0
Denver-Boulder, Colo	119.6	123.4	131.9	146.5	161.3	170.3	184.7	202.1	233.5	261.5	290.8	317.0	335.1
Milwaukee, Wis	120.1	123.7	131.5	144.1	157.0	167.1	177.9	192.3	218.8	251.5	280.1	296.3	309.5
Northeast Pennsylvania	121.4	125.9	134.7	151.1	164.7	170.9	179.9	191.9	210.7	237.1	264.1	273.8	283.6
Portland, Oreg.-Wash	116.1	119.5	127.3	142.8	156.5	167.0	180.2	198.4	225.4	255.4	278.2	287.0	290.1
St. Louis, Mo.-Iii	119.6	122.3	129.3	142.2	156.1	165.1	176.6	191.5	215.8	244.9	267.5	286.9	297.2
San Diego, Calif	119.8	124.4	132.5	147.2	160.8	170.7	182.0	200.1	233.1	268.5	304.6	325.3	334.6
Seattle-Everett, Wash	116.4	119.7	127.5	141.5	155.8	164.5	177.6	194.8	216.3	252.1	279.7	297.8	302.8
Washington, D.C.-Md.-Va	122.7	126.9	135.0	150.0	161.6	171.1	183.0	197.0	218.6	244.7	267.3	281.9	294.7
Atlanta, Ga	121.7	125.5	133.7	148.5	161.7	169.2	179.6	192.6	212.7	242.3	272.0	289.5	301.3
Buffalo, N.Y.	121.8	126.6	134.8	149.5	161.8	170.6	181.7	193.0	211.3	235.6	257.6	267.2	284.5
Cleveland, Ohio	122.8	126.5	134.1	147.8	160.9	169.0	180.5	193.9	219.5	252.9	279.3	301.2	324.3
Dallas-Fort Worth, Tex	121.3	124.9	132.0	145.3	158.2	167.7	180.2	194.0	218.6	255.6	284.9	301.3	312.6
Honolulu, Hawaii	118.9	122.8	128.3	141.9	155.0	162.8	171.0	184.1	204.6	228.5	252.4	267.6	273.5
Houston, Tex	120.9	125.2	132.3	147.8	164.9	177.3	190.2	208.2	235.7	265.4	291.9	312.2	320.6
Kansas City, Mo.-Kans	120.5	124.0	130.3	144.2	157.9	166.5	178.3	191.8	219.2	248.1	268.6	282.0	298.4
Minneapolis-St. Paul,Minn.-Wis	121.7	125.5	133.0	148.3	160.9	170.9	183.0	199.7	222.6	247.8	278.3	306.2	312.6
Pittsburgh, Pa	121.5	125.3	132.9	147.3	160.0	168.3	179.8	195.5	217.3	247.2	272.5	288.0	308.4
San Francissco-Oakland, Calif	120.1	124.3	131.5	144.4	159.1	168.0	180.8	197.8	214.6	247.3	279.0	300.0	302.5

[1] Area is generally the Standard Metropolitan Statistical Area (SMSA), exclusive of farms. L.A.-Long Beach, Anaheim, Calif., is a combination of two SMSA's, and N.Y., N.Y.-Northeastern N.J. and Chicago, Ill.-Northwestern Ind. are the more extensive Standard Consolidated Areas. Area definitions are those established by the Office of Management and Budget in 1973, except for Denver-Boulder, Colo., which does not include Douglas County. Definitions do not include revisions made since 1973.

[2] Index base is October 1967.

– Data not available.

Table 111. Producer Price Indexes by stage of processing, selected years, 1947-83

[1967 = 100]

Year	Crude materials for processing				Intermediate materials, supplies, and components						Finished goods		
	Total	Foodstuffs and feedstuffs	Nonfood materials, except fuel	Fuel	Total	Materials and components for manufacturing	Materials and components for construction	Processed fuels and lubricants	Containers	Supplies	Total	Consumer goods	Capital equipment
1947	101.2	111.7	90.6	66.6	72.4	72.1	66.0	85.5	66.8	77.5	74.0	80.5	55.4
1950	104.6	107.6	104.7	77.9	78.6	78.1	77.0	89.9	72.0	78.9	79.0	83.9	64.9
1955	97.1	95.1	103.8	78.8	88.1	88.4	88.9	93.3	82.6	84.8	85.5	88.5	76.7
1960	97.0	95.1	101.4	92.8	95.6	96.5	95.9	98.2	95.5	90.7	93.7	94.5	91.7
1961	96.5	93.8	102.5	92.6	95.0	95.3	94.6	99.4	94.7	91.8	93.7	94.3	91.8
1962	97.5	95.7	102.0	92.1	94.9	94.7	94.2	99.0	95.9	93.8	94.0	94.6	92.2
1963	95.4	92.9	100.7	93.2	95.2	94.9	94.5	98.1	94.7	95.2	93.7	94.1	92.4
1964	94.5	90.8	102.4	92.8	95.5	95.9	95.4	96.0	94.0	94.3	94.1	94.3	93.3
1965	99.3	97.1	104.5	93.5	96.8	97.4	96.2	97.4	95.8	95.2	95.7	96.1	94.4
1966	105.7	105.9	106.7	96.3	99.2	99.3	98.8	99.2	98.4	99.4	98.8	99.4	96.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	101.6	101.3	102.1	102.3	102.3	102.2	105.0	97.6	102.4	101.0	102.8	102.7	103.5
1969	108.4	109.3	106.9	106.6	105.8	105.8	110.8	98.5	106.3	102.8	106.6	106.6	106.9
1970	112.3	112.0	109.8	122.6	109.9	110.0	112.6	105.0	111.4	108.0	110.3	109.9	112.0
1971	115.1	114.2	110.7	139.0	114.1	112.8	119.7	115.2	116.6	111.0	113.7	112.9	116.6
1972	127.6	127.5	121.9	148.7	118.7	117.0	126.2	118.9	121.9	115.6	117.2	116.6	119.5
1973	174.0	180.0	161.5	164.5	131.6	127.7	136.7	131.5	129.2	140.6	127.9	129.2	123.5
1974	196.1	189.4	205.4	219.4	162.9	162.2	161.6	199.1	152.2	154.5	147.5	149.3	141.0
1975	196.9	191.8	188.3	271.5	180.0	178.7	176.4	233.0	171.4	168.1	163.4	163.6	162.5
1976	202.7	190.2	206.7	305.3	189.1	185.4	188.4	250.1	180.2	179.0	170.6	169.7	173.4
1977	209.2	192.1	212.2	372.1	201.5	195.4	203.4	282.5	188.3	188.7	181.7	180.7	184.6
1978	234.4	216.2	233.1	426.8	215.6	208.7	224.7	295.3	202.8	198.5	195.9	194.9	199.2
1979	274.3	247.9	284.5	507.6	243.2	234.4	247.4	364.8	226.8	218.2	217.7	217.9	216.5
1980	304.6	259.2	346.1	615.0	280.3	265.7	268.3	503.0	254.5	244.5	247.0	248.9	239.8
1981	329.0	257.4	413.7	751.2	306.0	286.1	287.6	595.4	276.1	263.8	269.8	271.3	264.3
1982	319.5	247.8	376.8	886.1	310.4	289.8	293.7	591.8	285.6	272.1	280.7	281.0	279.4
1983	323.6	252.2	372.2	931.5	312.3	293.4	301.8	564.8	286.6	277.1	285.2	284.6	287.2

NOTE: For a description of the series by stage of processing, see *BLS Handbook of Methods, Volume I,* Bulletin 2134-1, ch.7.

Table 112. Producer Price Indexes by commodity group, selected years, 1926-83[1]

[1967=100 unless otherwise indicated]

Year				01	01-1	01-2	01-3	01-4	01-5	01-6	01-7	01-8
	All commodities[1]	Farm products, processed foods, and feeds	Industrial commodities[1] [2]	Farm products[1]	Fresh and dried fruits and vegetables	Grains	Livestock	Live poultry	Plant and animal fibers	Fluid milk	Eggs	Hay, hayseeds and oilseeds
1926	51.6	-	53.2	61.3	68.4	71.1	48.6	196.6	91.4	55.1	120.4	62.8
1930	44.6	-	45.2	54.2	65.4	55.7	43.4	169.7	65.5	58.2	96.6	59.0
1935	41.3	-	41.4	48.1	39.5	58.6	43.4	136.5	52.1	48.0	90.6	49.0
1940	40.5	-	44.0	41.4	40.7	48.3	34.3	111.6	47.3	44.6	68.1	43.6
1945	54.6	-	53.0	78.5	85.5	92.1	66.5	193.2	87.1	63.6	130.6	85.7
1950	81.8	93.9	78.0	106.7	84.7	121.3	110.2	185.7	159.1	76.5	134.5	99.1
1955	87.8	91.2	86.9	98.2	96.6	117.6	81.9	166.9	140.4	79.1	135.9	93.7
1960	94.9	93.7	95.3	97.2	99.0	102.2	94.5	121.6	129.1	84.7	122.4	82.5
1961	94.5	93.7	94.8	96.3	92.2	103.7	92.8	101.1	131.5	85.2	117.4	92.9
1962	94.8	94.7	94.8	98.0	96.2	107.2	96.5	104.2	136.5	83.0	112.9	91.3
1963	94.5	93.8	94.7	96.0	94.6	110.5	88.3	103.4	139.5	82.5	111.5	97.9
1964	94.7	93.2	95.2	94.6	101.6	102.1	84.1	100.1	136.3	83.7	107.7	95.4
1965	96.6	97.1	96.4	98.7	100.2	97.2	99.4	105.5	126.4	84.9	110.9	97.8
1966	99.8	103.5	98.5	105.9	100.9	105.5	108.8	111.6	114.1	96.5	128.0	106.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.5	102.4	102.5	102.5	106.6	88.8	103.7	103.7	104.6	105.8	111.4	96.6
1969	106.5	108.0	106.0	109.1	110.0	90.3	117.0	112.8	93.1	110.7	133.9	94.6
1970	110.4	111.7	110.0	111.0	111.6	98.8	116.7	99.5	90.2	115.3	126.8	99.4
1971	114.0	113.9	114.1	112.9	120.1	100.9	118.3	100.1	92.8	118.8	100.8	109.1
1972	119.1	122.4	117.9	125.0	127.6	102.9	142.5	104.0	117.5	122.2	103.7	118.1
1973	134.7	159.1	125.9	176.3	168.1	183.6	190.4	179.5	197.8	145.0	165.7	220.1
1974	160.1	177.4	153.8	187.7	192.3	257.9	170.6	157.4	193.9	172.8	160.6	228.6
1975	174.9	184.2	171.5	186.7	183.7	223.9	187.9	189.8	153.1	180.2	159.8	200.2
1976	183.0	183.1	182.4	191.0	178.4	205.9	173.3	166.9	223.9	201.2	179.1	210.4
1977	194.2	188.8	195.1	192.5	192.2	165.0	173.0	175.4	202.3	202.8	162.0	234.2
1978	209.3	206.6	209.4	212.5	216.5	182.5	220.1	199.8	193.4	219.7	158.6	215.8
1979	235.6	229.8	236.5	241.4	229.0	214.8	260.3	194.3	209.9	250.1	176.5	244.3
1980	268.8	244.7	274.8	249.4	238.6	239.0	252.7	202.1	271.1	271.2	171.0	247.1
1981	293.4	251.5	304.1	254.9	267.3	248.4	248.0	201.2	242.0	287.4	187.1	274.1
1982	299.3	248.9	312.3	242.4	253.7	210.9	257.8	191.9	202.9	282.5	178.7	212.8
1983	303.1	253.9	315.7	248.2	262.1	240.4	243.1	206.5	227.0	282.0	-	246.8

See footnotes at end of table.

Table 112. Producer Price Indexes by commodity group, selected years, 1926-83[1]—Continued

[1967=100 unless otherwise indicated]

Year	01-9	02	02-1	02-2	02-3	02-4	02-5	02-6	02-71	02-72	02-73	02-74
	Other farm products	Processed foods and feeds	Cereal and bakery products	Meats, poultry, and fish	Dairy products	Processed fruits and vegetables	Sugar and confectionery	Beverages and beverage materials	Animal fats and oils	Crude vegetable oils	Refined vegetable oils	Vegetable oil and products
1926	36.2	–	47.7	45.0	43.5	55.8	52.0	–	–	–	–	–
1930	26.5	–	38.9	44.4	41.5	57.6	43.5	–	–	–	–	–
1935	25.5	–	44.9	42.6	34.7	48.8	43.9	–	–	–	–	–
1940	21.2	–	37.4	33.0	33.6	43.6	38.8	–	–	–	–	–
1945	47.3	–	45.5	48.5	48.2	63.2	49.8	–	–	–	–	–
1950	92.2	83.4	71.6	97.7	68.9	86.6	75.3	78.4	127.5	141.4	124.5	99.8
1955	102.8	85.0	84.1	81.6	77.1	91.5	85.2	93.1	120.4	116.4	118.1	98.6
1960	92.7	89.5	88.1	93.1	86.1	92.8	90.1	92.8	103.8	91.9	94.0	88.7
1961	93.6	91.0	89.8	90.9	88.2	94.9	89.6	92.6	113.2	114.4	117.3	100.7
1962	92.2	91.9	91.9	94.4	87.7	91.4	90.4	93.0	106.0	94.2	100.9	95.4
1963	89.7	92.5	91.6	88.9	88.2	96.9	104.8	94.7	100.6	91.4	91.2	86.5
1964	99.0	92.3	92.1	86.5	88.4	97.8	98.9	99.7	114.4	94.2	89.1	87.9
1965	98.0	95.5	93.1	96.2	89.0	95.2	96.5	99.2	136.0	112.5	105.1	99.2
1966	101.9	101.2	98.5	105.0	97.2	97.8	97.8	99.3	135.6	119.5	117.8	102.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.5	102.2	100.9	103.1	104.8	106.5	102.8	102.8	83.5	94.2	102.6	98.1
1969	109.6	107.3	102.7	113.8	108.2	108.1	109.9	106.0	120.3	93.0	98.4	101.6
1970	117.3	112.1	107.7	115.8	111.2	110.6	115.8	113.0	140.4	121.0	119.2	111.9
1971	115.6	114.5	111.6	116.0	115.6	114.4	119.4	116.0	130.9	128.8	133.0	121.4
1972	125.0	120.8	114.7	130.0	118.6	119.7	121.6	118.0	127.4	107.5	114.5	121.2
1973	147.4	148.1	134.4	167.5	131.1	129.6	132.3	121.7	230.4	174.6	154.4	143.6
1974	164.4	170.9	171.2	163.5	146.4	154.6	258.9	140.7	327.7	291.1	265.8	224.8
1975	169.7	182.6	178.0	191.0	155.8	169.8	254.3	162.4	341.8	208.1	213.2	211.5
1976	223.4	178.0	172.1	181.6	168.5	170.2	190.9	173.5	210.2	162.5	187.5	174.2
1977	325.9	186.1	173.4	182.0	173.4	187.4	177.4	201.0	267.0	197.5	198.9	198.1
1978	274.9	202.6	190.3	217.1	188.4	202.6	197.8	200.0	291.2	219.2	228.8	209.4
1979	289.0	222.5	210.3	242.0	211.2	221.9	214.7	210.7	320.6	243.7	231.6	223.5
1980	299.0	241.2	236.0	243.1	230.6	228.7	322.5	233.0	279.2	202.8	179.8	233.2
1981	273.8	248.7	255.5	246.2	245.6	261.2	275.9	248.0	299.1	185.4	201.5	238.0
1982	274.5	251.5	253.8	257.6	248.9	274.5	269.7	256.9	303.0	159.6	N.A.	234.4
1983	282.1	255.9	261.0	249.0	250.6	277.4	292.8	263.6	306.1	194.2	–	254.7

See footnotes at end of table.

Table 112. Producer Price Indexes by commodity group, selected years, 1926-83[1]—Continued

[1967=100 unless otherwise indicated]

Year	02-8	02-9	03	03-1	03-2	03-3	03-4	03-81	03-82	04	04-1
	Miscellaneous processed foods	Prepared animal feeds	Textile products and apparel	Synthetic fibers (Dec. 1975=100)	Processed yarns and threads (Dec. 1975=100)	Gray fabrics (Dec. 1975=100)	Finished fabrics (Dec. 1975=100)	Apparel	Textile housefurnishings	Hides, skins, leather, and related products	Hides and skins
1926	-	-	-	-	-	-	-	-	-	44.8	73.6
1930	-	-	-	-	-	-	-	-	-	44.9	67.1
1935	-	-	-	-	-	-	-	-	-	40.2	58.8
1940	-	-	-	-	-	-	-	-	-	45.2	67.4
1945	-	-	-	-	-	-	-	-	-	52.9	65.8
1950	109.0	103.2	102.7	-	-	-	-	90.5	99.9	86.3	161.4
1955	91.8	85.6	98.7	-	-	-	-	92.6	94.9	77.3	88.6
1960	94.3	78.7	99.5	-	-	-	-	94.9	96.1	90.8	106.7
1961	94.0	85.4	97.7	-	-	-	-	94.6	96.6	91.7	114.5
1962	90.4	90.3	98.6	-	-	-	-	95.0	98.3	92.7	112.7
1963	92.6	95.0	98.5	-	-	-	-	95.4	97.1	90.0	89.2
1964	96.7	93.0	99.2	-	-	-	-	96.3	97.6	90.3	92.9
1965	100.9	94.9	99.8	-	-	-	-	97.1	97.3	94.3	118.0
1966	101.2	103.3	100.1	-	-	-	-	98.3	98.5	103.4	149.5
1967	100.0	100.0	100.0	-	-	-	-	100.0	100.0	100.0	100.0
1968	102.6	96.7	103.7	-	-	-	-	103.6	104.2	103.2	106.1
1969	107.9	98.6	106.0	-	-	-	-	107.4	100.8	108.9	124.1
1970	113.1	103.7	107.1	-	-	-	-	110.8	103.5	110.3	104.2
1971	113.3	104.4	109.0	-	-	-	-	113.6	104.9	114.1	115.1
1972	114.8	116.0	113.6	-	-	-	-	114.8	109.2	131.3	213.7
1973	123.3	198.7	123.8	-	-	-	-	119.0	113.3	143.1	253.9
1974	158.6	184.1	139.1	-	-	-	-	129.5	143.1	145.1	195.9
1975	178.4	172.1	137.9	-	-	-	-	133.4	151.9	148.5	174.5
1976	174.7	194.4	148.2	102.4	99.5	106.1	101.1	139.9	159.3	167.8	258.4
1977	190.0	204.6	154.0	107.3	100.9	104.7	103.7	147.3	171.3	179.3	286.7
1978	199.0	197.4	159.8	109.6	102.4	118.6	103.8	152.4	178.6	200.0	360.5
1979	216.5	219.4	168.7	119.0	109.2	127.1	107.4	160.4	190.4	252.4	535.4
1980	227.2	226.8	183.5	134.7	122.5	138.1	115.7	172.4	206.9	248.9	370.9
1981	250.1	230.2	199.7	156.3	138.0	146.8	125.2	186.0	226.7	260.9	N.A.
1982	248.6	211.3	204.6	162.1	138.3	145.3	124.6	194.4	238.5	262.6	N.A.
1983	254.8	228.8	205.1	156.7	138.5	147.0	123.1	197.4	235.1	271.1	-

See footnotes at end of table.

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Table 112. Producer Price Indexes by commodity group, selected years, 1926-83[1]—Continued

[1967 = 100 unless otherwise indicated]

Year	04-2	04-3	04-4	05[3]	05-1	05-2	05-3[4]	05-4[5]	05-61	05-7[6]	06[7]	06-1[7]
	Leather	Footwear	Other leather and related products	Fuels and related products and power	Coal	Coke (foundry by-product)	Gas fuels	Electric power	Crude petroleum	Petroleum products, refined	Chemicals and allied products	Industrial chemicals
1926	50.4	35.8	-	71.5	45.2	27.5	-	-	-	-	-	70.1
1930	51.0	36.4	-	56.2	40.4	23.0	-	-	-	-	-	68.0
1935	40.4	35.1	-	52.6	41.6	24.3	-	-	-	-	51.7	62.1
1940	46.6	38.4	-	51.4	41.9	30.3	-	-	-	-	52.4	59.7
1945	51.5	45.1	-	60.1	52.8	36.3	-	-	-	-	65.2	67.5
1950	98.9	70.2	85.4	87.1	83.3	63.0	-	-	83.2	85.1	88.9	84.0
1955	78.2	74.0	83.4	91.2	82.3	73.4	-	-	92.4	92.0	98.5	98.2
1960	93.8	87.6	92.0	96.1	95.6	92.5	87.2	101.2	98.6	95.5	101.8	103.2
1961	96.1	88.0	91.1	97.2	94.6	92.5	88.7	101.7	98.9	97.2	100.7	101.0
1962	98.4	88.9	92.1	96.7	93.7	92.5	89.2	102.1	99.1	96.1	99.1	98.9
1963	92.4	88.7	91.8	96.3	93.8	92.5	91.8	101.3	98.7	95.1	97.9	97.3
1964	93.3	88.9	91.0	93.7	93.8	94.9	90.7	100.4	98.3	90.7	98.3	96.7
1965	98.0	90.7	93.6	95.5	93.4	95.8	92.8	100.1	98.2	93.8	99.0	97.5
1966	109.8	96.8	101.0	97.8	95.5	98.0	96.7	99.6	98.9	97.4	99.4	98.3
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.1	104.8	99.5	98.9	103.7	103.6	92.7	100.9	100.8	98.1	99.8	101.0
1969	108.7	109.5	103.3	100.9	112.6	108.9	93.3	101.8	105.2	99.6	99.9	100.3
1970	107.7	113.3	106.4	106.2	150.3	127.4	103.6	105.9	106.1	101.0	102.2	100.9
1971	112.7	116.8	108.4	115.2	182.0	148.8	108.5	116.2	114.6	107.2	104.1	102.0
1972	140.3	124.5	117.8	118.6	193.8	155.5	114.1	121.5	113.8	108.9	104.2	101.2
1973	160.1	130.5	129.8	134.3	218.1	166.6	126.7	129.3	126.0	128.7	110.0	103.4
1974	154.3	140.0	136.5	208.3	332.4	247.7	162.2	163.1	211.8	223.4	146.8	151.7
1975	151.5	147.8	141.0	245.1	385.8	330.8	216.7	193.4	245.7	257.5	181.3	206.9
1976	188.1	158.9	152.9	265.6	368.7	346.8	286.8	207.6	253.6	276.6	187.2	219.3
1977	201.0	168.7	163.4	302.2	389.4	379.4	387.8	232.9	274.2	308.2	192.8	223.9
1978	238.6	183.0	177.0	322.5	430.0	411.8	428.7	250.6	300.1	321.0	198.8	225.6
1979	356.7	218.0	205.0	408.1	450.9	429.2	544.1	270.2	376.5	444.8	222.3	264.0
1980	310.6	233.1	218.3	574.0	467.3	430.6	760.7	321.6	556.4	674.7	260.3	324.0
1981	319.8	240.9	241.8	694.5	497.2	456.3	939.4	367.2	803.5	805.9	287.6	363.3
1982	311.4	245.0	247.4	693.2	534.7	461.7	1,060.8	406.5	733.4	761.2	292.3	352.6
1983	330.7	250.1	252.7	664.7	537.4	444.6	1146.9	417.9	681.4	684.3	293.0	342.9

See footnotes at end of table.

Table 112. Producer Price Indexes by commodity group, selected years, 1926-83[1]—Continued

[1967 = 100 unless otherwise indicated]

Year	06-21	06-22	06-3	06-4	06-5	06-6	06-7	07	08	08-1	08-2	08-3
	Prepared paint	Paint materials	Drugs and pharma-ceuticals	Fats and oils, inedible	Agri-cultural chemicals and chemical products	Plastic resins and máterials	Other chemicals and allied products	Rubber and plastic products	Lumber and wood products	Lumber	Millwork	Plywood
1926	48.9	57.2	–	141.3	–	–	–	113.6	26.5	25.2	30.0	–
1930	47.6	48.2	–	100.5	–	–	–	52.0	22.9	21.5	28.4	–
1935	41.9	42.7	–	87.2	–	–	–	47.3	21.4	20.6	25.3	–
1940	46.1	44.4	–	63.1	–	–	–	57.1	27.4	25.8	31.4	–
1945	48.5	67.1	–	144.2	–	–	–	70.5	41.2	38.9	41.0	–
1950	71.2	98.0	105.2	140.3	89.4	107.5	77.0	85.9	89.3	86.6	78.2	121.5
1955	82.1	104.4	105.6	115.6	96.5	126.5	85.1	102.4	97.1	94.5	87.7	120.4
1960	92.1	111.9	106.6	100.2	98.5	108.2	93.8	103.1	95.3	92.1	93.1	109.6
1961	94.8	109.6	104.6	107.6	98.8	103.4	94.5	99.2	91.0	87.4	90.8	107.3
1962	95.0	105.2	102.1	93.8	98.4	103.0	94.4	96.3	91.6	89.0	90.7	103.6
1963	95.0	100.2	101.2	98.8	96.7	100.8	95.4	96.8	93.5	91.2	92.7	104.8
1964	95.8	100.1	101.1	119.1	96.1	100.0	96.2	95.5	95.4	92.9	96.7	103.5
1965	96.4	98.8	100.4	138.6	98.3	99.3	97.2	95.9	95.9	94.0	96.0	103.5
1966	97.7	99.1	100.5	126.4	99.2	100.0	98.4	97.8	100.2	100.1	98.0	104.0
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.8	101.4	99.3	90.9	96.1	91.9	101.6	103.4	113.3	117.4	105.8	115.7
1969	109.1	102.1	99.9	109.1	86.7	90.4	104.2	105.3	125.3	131.6	117.8	122.5
1970	112.4	101.4	101.2	132.8	88.5	90.6	108.6	108.3	113.6	113.7	116.0	108.4
1971	115.6	101.5	102.4	133.6	92.1	88.7	112.0	109.1	127.3	136.0	120.8	114.6
1972	118.0	104.1	103.0	115.8	91.7	88.7	113.5	109.3	144.3	159.4	128.4	130.7
1973	122.2	113.2	104.3	228.3	96.6	92.1	118.1	112.4	177.2	205.2	144.2	155.2
1974	145.7	152.3	112.7	338.2	137.7	143.8	147.5	136.2	183.6	207.1	157.1	161.1
1975	166.9	177.2	126.6	255.2	203.6	180.9	168.6	150.2	176.9	192.5	160.4	161.2
1976	174.4	189.8	134.0	249.9	188.3	194.0	170.7	159.2	205.6	233.0	176.9	187.0
1977	182.4	205.9	140.5	279.0	187.8	197.5	175.7	167.6	236.3	276.5	193.7	212.2
1978	192.3	212.7	148.1	315.8	198.4	199.8	181.8	174.8	276.0	322.4	235.4	235.6
1979	204.4	241.2	159.4	376.6	214.4	235.9	191.8	194.3	300.4	354.3	254.3	250.5
1980	235.3	273.9	174.5	298.0	257.1	279.2	224.5	217.4	288.9	325.6	260.4	246.5
1981	249.8	300.1	193.5	295.6	285.0	289.2	254.2	232.6	292.8	325.1	273.4	245.7
1982	262.8	304.6	210.1	267.1	292.4	283.4	270.1	241.4	284.7	310.8	279.4	232.1
1983	264.7	305.8	226.1	285.6	280.5	291.5	273.6	243.2	307.1	352.6	302.3	244.1

See footnotes at end of table.

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Table 112. Producer Price Indexes by commodity group, selected years, 1926-83[1]—Continued

[1967=100 unless otherwise indicated]

Year	09-1		09-2	10	10-1	10-17	10-2	10-3	10-4	10-5	10-6	10-7
	Pulp, paper, and allied products	Pulp, paper, and products, excluding building paper and board	Building paper and board	Metals and metal products	Iron and steel	Steel mill products	Nonferrous metals	Metal containers	Hardware	Plumbing fixtures and brass fittings	Heating equipment	Fabricated structural metal products
1926	–	–	–	41.4	38.3	–	43.4	49.8	–	72.9	–	–
1930	–	–	–	36.2	34.2	–	35.9	48.2	–	59.5	–	–
1935	–	–	–	33.8	33.2	–	29.8	47.3	–	40.9	–	–
1940	–	–	–	37.8	36.4	34.7	35.2	44.5	–	50.0	–	–
1945	–	–	–	39.6	37.9	35.8	37.3	45.5	–	52.5	–	–
1950	74.3	74.0	81.5	66.3	64.0	59.4	64.4	63.6	59.2	76.5	93.5	74.0
1955	87.8	87.5	99.1	82.1	80.3	77.2	88.3	77.4	75.9	88.7	102.5	87.0
1960	98.1	97.7	110.3	92.4	97.1	96.4	85.9	89.6	90.3	93.3	105.8	95.7
1961	95.2	94.7	109.7	91.9	97.2	96.0	83.0	91.2	91.2	93.4	101.8	94.0
1962	96.3	96.1	105.8	91.2	95.8	95.8	82.1	92.7	91.4	90.6	100.5	93.3
1963	95.6	95.3	104.4	91.3	95.7	96.3	82.0	93.6	91.5	90.5	100.2	93.3
1964	95.4	95.3	102.3	93.8	97.0	97.1	87.6	94.3	92.1	91.3	99.2	94.3
1965	96.2	96.2	100.9	96.4	97.9	97.5	95.3	96.2	93.1	93.3	98.9	96.1
1966	98.8	98.8	100.8	98.8	98.7	98.9	100.0	98.3	96.3	98.1	99.8	98.7
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	101.1	101.2	100.9	102.6	101.9	102.5	103.5	103.7	102.7	103.3	102.7	102.2
1969	104.0	104.1	105.5	108.5	107.0	107.4	113.5	106.9	106.1	107.3	105.4	105.9
1970	108.2	108.5	101.0	116.6	115.1	114.2	124.7	112.6	111.5	111.2	110.6	112.0
1971	110.1	110.4	102.8	118.7	121.8	122.9	114.6	121.8	116.8	116.4	115.3	118.1
1972	113.4	113.7	106.4	123.5	128.4	130.4	116.9	128.9	120.2	119.7	118.2	122.4
1973	122.1	122.5	112.8	132.8	136.2	134.1	135.0	134.7	124.7	125.8	120.4	127.4
1974	151.7	152.8	123.5	171.9	178.6	170.0	187.1	164.7	140.7	149.1	135.0	161.2
1975	170.4	171.9	127.1	185.6	200.9	197.2	171.6	192.1	163.8	162.3	150.7	189.0
1976	179.4	180.8	138.8	195.9	215.9	209.8	181.6	202.2	173.1	174.1	158.0	193.8
1977	186.4	187.3	157.0	209.0	230.4	229.9	195.4	218.2	185.4	186.6	165.5	206.7
1978	195.6	195.6	187.4	227.1	253.6	254.5	207.8	243.4	200.4	199.1	174.4	226.4
1979	219.0	220.2	182.4	259.3	283.5	280.4	261.7	269.2	218.7	217.1	187.1	248.9
1980	249.2	250.6	206.2	286.4	305.2	302.7	305.0	298.6	240.5	246.7	206.5	270.5
1981	273.8	273.8	231.7	300.4	333.8	337.6	285.8	315.6	263.2	267.5	224.2	295.5
1982	288.7	273.2	239.5	301.6	339.0	349.5	263.6	328.5	280.3	278.7	237.2	304.8
1983	298.1	271.4	250.0	307.2	343.4	352.8	276.1	335.4	290.7	289.3	243.6	303.5

See footnotes at end of table.

Table 112. Producer Price Indexes by commodity group, selected years, 1926-83[1]—Continued

[1967 = 100 unless otherwise indicated]

Year	10-8 Miscellaneous metal products	11 Machinery and equipment	11-1 Agricultural machinery and equipment	11-2 Construction machinery and equipment	11-3 Metalworking machinery and equipment	11-4 General purpose machinery and equipment	11-6 Special industry machinery and equipment	11-7 Electrical machinery and equipment	11-9 Micellaneous machinery	12 Furniture and household durables	12-1 Household furniture	12-2 Commercial furniture
1926	–	–	43.9	–	–	–	–	–	–	59.1	52.6	–
1930	–	–	41.7	–	–	–	–	–	–	54.9	49.4	–
1935	–	–	41.2	–	–	–	–	–	–	48.1	40.6	–
1940	–	41.4	40.8	32.5	–	40.5	–	45.2	–	53.8	43.0	–
1945	–	42.2	42.9	35.7	–	40.6	–	44.6	–	63.2	53.8	–
1950	69.8	63.1	65.2	54.5	55.1	60.4	–	68.9	66.6	84.7	75.6	64.4
1955	77.3	75.7	72.6	67.0	67.9	73.2	–	82.9	80.1	93.3	81.9	77.5
1960	88.3	92.0	86.1	85.9	85.1	91.2	–	99.3	93.1	99.0	90.0	92.0
1961	90.5	91.9	87.7	87.3	85.9	90.5	86.0	98.2	94.1	98.4	91.1	91.6
1962	91.2	92.0	89.5	87.5	87.3	90.9	87.3	96.7	94.4	97.7	91.9	92.1
1963	92.3	92.2	90.8	89.0	87.6	91.4	89.1	95.7	94.7	97.0	92.6	92.4
1964	95.3	92.8	92.2	91.2	89.3	91.9	90.7	95.1	95.6	97.4	93.3	92.9
1965	96.0	93.9	94.0	93.6	91.8	92.5	92.5	95.1	96.2	96.9	94.1	93.3
1966	98.0	96.8	96.8	96.5	96.0	96.6	95.8	97.2	97.4	98.0	96.6	95.1
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.0	103.2	103.9	105.7	104.0	103.3	105.2	101.3	104.3	102.8	103.9	103.9
1969	107.3	106.5	108.5	110.4	108.0	107.0	110.0	102.9	108.1	104.9	108.4	108.0
1970	114.3	111.4	113.2	115.9	114.1	113.7	115.7	106.4	112.8	107.5	111.7	114.5
1971	118.9	115.5	117.5	121.8	117.7	119.3	120.9	109.2	117.4	110.0	114.9	118.2
1972	124.2	117.9	122.3	125.7	120.2	122.4	123.7	110.4	120.2	111.4	117.3	120.2
1973	129.5	121.7	125.9	130.7	125.5	127.0	130.1	112.4	124.0	115.2	123.0	129.4
1974	157.3	139.4	143.8	152.3	146.9	151.2	151.0	125.0	139.5	127.9	136.6	152.4
1975	181.1	161.4	168.6	185.2	171.6	178.5	175.0	140.7	162.3	139.7	146.3	166.7
1976	186.9	171.0	183.0	198.9	182.7	189.8	188.4	146.7	171.9	145.6	153.6	173.5
1977	196.2	181.7	197.9	213.5	198.5	201.8	202.7	154.1	180.7	151.5	162.2	185.9
1978	212.0	196.1	213.1	232.9	217.0	216.6	223.0	164.9	194.7	160.4	173.5	201.5
1979	231.4	213.9	232.1	256.2	241.3	236.4	247.0	178.9	208.9	171.3	186.3	221.8
1980	250.0	239.8	259.2	289.4	274.4	264.6	275.8	201.7	229.9	187.7	204.8	236.0
1981	270.5	263.3	288.3	320.8	288.7	288.7	307.9	220.2	252.6	198.5	219.2	257.5
1982	282.3	278.8	311.1	343.9	320.9	304.0	325.1	231.6	268.4	206.9	229.8	275.5
1983	283.6	286.4	326.3	351.9	326.5	308.2	337.1	240.1	274.1	214.0	234.7	286.3

See footnotes at end of table.

Table 112. Producer Price indexes by commodity group, selected years, 1926-83[1]—Continued

[1967=100 unless otherwise indicated]

Year	12-3	12-4	12-5	12-6	13	13-11	13-2	13-3	13-4	13-5	13-6	13-7
	Floor coverings	Household appliances	Home electronic equipment	Other household durable goods	Nonmetallic mineral products	Flat glass	Concrete ingredients	Concrete products	Structural clay products, excluding refractories	Refractories	Asphalt roofing	Gypsum products
1926	57.4	–	–	–	52.5	–	46.3	70.5	–	–	84.3	–
1930	54.3	–	–	–	51.0	–	51.3	70.4	–	–	64.3	–
1935	47.5	–	–	–	50.4	–	51.6	56.7	–	–	70.5	–
1940	56.5	–	–	–	49.1	–	51.5	49.3	–	–	69.3	–
1945	60.0	–	–	–	55.7	–	55.7	59.2	–	–	71.6	–
1950	94.8	107.6	124.9	62.1	75.4	75.6	72.8	78.2	72.1	61.2	92.0	77.8
1955	104.3	112.9	120.0	74.8	87.5	90.1	85.2	88.0	83.8	82.2	96.3	90.9
1960	107.5	107.5	117.8	89.2	97.2	93.3	97.0	97.2	93.7	97.6	97.4	99.1
1961	106.2	105.5	115.4	89.1	97.6	92.3	97.1	97.2	94.2	97.0	104.9	101.0
1962	103.7	104.2	110.3	90.6	97.6	92.5	97.5	97.3	95.0	96.9	100.9	102.1
1963	103.3	101.8	107.3	90.9	97.1	93.7	97.3	96.5	95.5	96.4	95.7	102.5
1964	106.3	101.2	105.6	92.0	97.3	97.6	97.1	95.7	95.8	97.1	94.5	105.3
1965	104.5	98.9	103.1	93.2	97.5	96.2	97.5	96.3	96.6	98.1	98.7	101.2
1966	103.7	98.8	101.2	95.5	98.4	96.0	98.1	97.7	98.2	98.8	102.1	99.6
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	101.3	101.8	98.1	106.8	103.7	104.4	103.2	102.6	102.6	106.7	103.1	103.6
1969	100.4	102.9	94.6	111.7	107.7	109.6	106.7	106.5	106.2	109.6	102.8	103.6
1970	99.4	105.3	93.3	116.0	112.9	115.6	112.6	112.2	109.9	120.9	102.7	99.7
1971	98.9	107.6	93.4	120.9	122.4	123.2	121.9	120.6	114.6	126.9	125.5	109.3
1972	96.6	107.6	92.7	125.6	126.1	122.4	126.9	125.6	117.3	129.0	131.2	114.7
1973	102.2	108.5	91.9	130.4	130.2	121.4	131.2	131.7	123.3	136.3	135.5	120.9
1974	115.4	117.9	93.1	148.7	153.2	128.8	148.7	151.7	135.2	143.5	196.0	137.6
1975	124.9	132.3	93.5	168.5	174.0	139.2	172.3	170.5	151.2	166.0	225.9	144.0
1976	131.4	139.2	91.3	179.1	186.3	150.0	186.7	180.1	163.5	184.0	238.3	154.4
1977	136.4	145.1	87.7	190.2	200.5	160.8	199.0	191.8	179.8	199.5	253.0	183.5
1978	141.6	153.0	90.2	203.1	222.8	172.8	217.7	214.0	197.2	216.5	292.0	209.1
1979	147.9	160.9	91.3	228.2	248.6	183.9	244.0	244.1	217.9	236.5	325.3	252.3
1980	163.0	174.2	91.4	278.6	283.0	196.5	274.0	273.9	231.5	264.6	396.8	256.3
1981	178.7	187.3	89.2	281.0	309.5	212.6	296.3	291.2	249.8	302.4	407.5	256.2
1982	181.2	199.1	88.1	289.3	320.2	221.6	310.5	260.8	259.9	337.1	398.4	256.1
1983	185.4	206.9	86.1	313.1	325.2	229.7	313.3	302.0	277.8	341.3	384.0	286.0

See footnotes at end of table.

Table 112. Producer Price Indexes by commodity group, selected years, 1926-83[1]—Continued

[1967=100 unless otherwise indicated]

Year	13-8 Glass containers	13-9 Other nonmetallic minerals	14 Transportation equipment (Dec. 1968=100)	14-1 Motor vehicles and equipment	14-11 Motor vehicles	14-4 Railroad equipment	15 Miscellaneous products	15-1 Toys, sporting goods, small arms, etc.	15-2 Tobacco products	15-3 Notions	15-4 Photographic equipment and supplies	15-9 Other miscellaneous products
1926	–	–	–	41.9	–	–	–	–	–	–	–	–
1930	–	–	–	39.4	–	–	–	–	–	–	–	–
1935	–	–	–	35.2	–	–	–	–	–	–	–	–
1940	–	–	–	40.4	–	–	–	–	–	–	–	–
1945	–	–	–	48.3	–	–	–	–	–	–	–	–
1950	67.8	80.2	–	75.3	77.9	–	79.2	85.6	73.6	93.3	76.3	81.4
1955	85.8	91.1	–	86.3	89.3	–	86.5	90.0	82.7	93.3	82.3	88.3
1960	98.0	100.8	–	98.8	102.2	–	93.0	94.7	90.3	98.2	93.4	94.5
1961	97.3	100.2	–	98.6	101.8	96.7	93.3	95.4	90.3	97.6	94.6	94.8
1962	95.8	100.2	–	98.6	101.0	97.0	93.7	95.3	90.4	97.4	96.9	95.0
1963	95.5	99.4	–	97.8	100.2	97.0	94.5	95.5	92.6	97.5	96.8	94.8
1964	96.0	99.5	–	98.3	100.0	97.0	95.2	95.5	93.9	97.8	97.5	95.1
1965	97.0	99.3	–	98.5	99.6	97.4	95.9	97.1	94.1	97.8	98.2	96.0
1966	98.8	99.7	–	98.6	99.0	97.7	97.7	98.4	97.1	99.2	97.9	97.4
1967	100.0	100.0	–	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	107.5	103.2	–	102.8	102.2	103.1	102.2	102.4	102.0	100.0	102.2	102.6
1969	114.8	107.0	100.6	104.8	103.7	108.8	105.2	105.3	107.1	102.9	102.4	104.7
1970	120.4	112.2	104.6	108.7	107.3	115.1	109.9	109.6	113.6	108.4	104.9	108.7
1971	131.5	124.1	110.3	114.9	113.2	120.9	112.9	112.7	116.6	111.9	106.2	112.6
1972	135.1	127.0	113.7	118.0	116.0	128.7	114.6	114.4	117.5	112.1	106.7	116.0
1973	138.9	128.4	115.1	119.2	116.7	134.7	119.7	117.9	121.9	114.3	108.4	125.4
1974	155.5	188.7	125.5	129.2	125.5	163.8	133.1	132.3	132.8	137.4	116.8	142.1
1975	179.7	220.3	141.5	144.6	137.5	201.2	147.7	146.0	149.6	151.0	130.6	155.5
1976	195.4	232.5	151.1	153.8	146.4	216.7	153.7	150.0	163.0	162.3	136.2	152.9
1977	214.2	250.5	161.3	163.7	155.7	233.5	164.3	155.2	179.8	172.4	139.9	167.4
1978	244.4	275.6	173.5	176.0	167.7	252.8	184.3	163.2	198.5	182.0	145.7	210.6
1979	261.1	313.7	188.1	190.5	181.6	277.3	208.7	176.2	217.8	191.8	153.7	263.7
1980	292.7	394.6	207.0	208.8	197.7	313.1	258.8	198.6	245.7	217.2	202.9	363.4
1981	328.7	463.8	235.4	237.6	216.6	336.1	265.7	211.9	268.3	259.8	210.0	347.4
1982	355.5	471.8	249.7	251.3	227.1	346.5	276.4	221.5	323.1	277.0	210.4	338.3
1983	352.4	480.2	256.7	256.8	232.5	350.2	289.6	225.2	365.4	280.1	215.7	351.8

[1] Prior data are as follows:

Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
All commodities	28.9	28.8	26.9	27.5	24.7	25.2	23.9	24.0	25.0	26.9	28.9	28.5	30.4	30.7	30.8	31.0	32.0	33.6
	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
All commodities	32.4	34.9	36.4	33.5	35.6	36.0	35.2	35.8	44.1	60.6	67.6	71.4	79.6	50.3	49.9	51.9	50.5	53.3
Industrial commodities[2]	–	–	–	–	–	37.2	35.2	36.1	46.8	61.0	65.9	68.6	85.7	55.7	54.4	55.6	53.1	54.6
Farm products	–	–	–	–	–	43.7	43.5	43.7	51.7	78.9	90.6	96.4	92.2	54.1	57.4	60.4	61.1	67.1

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[2] Formerly titled "All commodities other than farm and foods."

[3] Prices for some items in this grouping have been lagged 1 or 2 months from January 1958 to December 1982.

[4] The index for natural gas was lagged 2 months from January 1958 through June 1977 and was lagged one month from August 1977 through December 1982.

[5] This index was lagged 1 month from January 1958 through May 1977. The lag was eliminated with the publication of the June 1977 index.

[6] Prices for gasoline, light distillate, middle distillate, and residual fuels have been lagged 1 month from March 1973 through December 1982.

[7] Prices for some industrial chemicals have been lagged 1 month from January 1974 through December 1982.

NOTE: For a description of the Producer Price Index (formerly known as the Wholesale Price Index), see *BLS Handbook of Methods, Volume I,*(Bulletin 2134-1), ch. 7.

NOTE: Dashes indicate data are not available.

Table 113. Producer Price Indexes by durability of product, selected years, 1947-83

[1967 = 100]

Year	Total durable goods	Total nondurable goods	Manufactured goods			Raw or slightly processed goods		
			Total	Durable	Nondurable	Total	Durable	Nondurable
1947	59.9	89.2	72.3	59.4	86.0	95.7	82.0	96.6
1950	70.2	90.6	78.4	69.6	87.7	97.5	90.8	97.9
1955	82.8	91.8	86.6	82.2	91.2	94.3	104.3	93.7
1960	94.1	95.4	94.8	94.1	95.2	96.2	92.1	96.4
1961	93.7	95.1	94.4	93.6	95.0	95.7	93.8	95.8
1962	93.4	95.6	94.5	93.5	95.1	96.9	87.9	97.4
1963	93.4	95.1	94.3	93.5	94.8	95.9	88.3	96.4
1964	94.7	94.7	94.8	94.6	93.7	94.9	96.6	94.8
1965	95.9	96.9	96.3	95.8	96.8	98.1	103.2	97.8
1966	98.1	100.9	99.1	97.9	100.0	103.7	107.4	103.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.4	101.7	102.6	103.5	101.5	102.2	99.6	102.3
1969	107.8	105.4	106.3	107.7	104.6	108.1	114.2	107.8
1970	112.4	108.9	110.2	112.1	108.2	111.4	123.8	110.8
1971	116.9	111.8	113.9	117.0	110.6	114.8	112.3	114.9
1972	121.1	117.6	117.9	121.1	114.7	124.6	115.0	125.1
1973	127.9	139.9	129.2	127.4	131.0	162.5	149.4	163.2
1974	150.1	167.6	154.1	148.6	159.5	189.7	216.7	188.2
1975	165.8	181.7	171.1	165.6	176.6	193.4	171.6	194.6
1976	176.0	188.0	179.0	175.6	182.1	202.3	187.8	202.7
1977	188.1	198.4	190.1	188.1	191.8	213.8	186.5	215.1
1978	204.9	211.9	204.2	204.7	203.0	234.6	209.6	235.6
1979	226.9	241.7	228.8	226.1	231.1	270.4	262.1	270.1
1980	251.5	282.4	261.5	250.8	273.0	305.7	278.2	306.7
1981	269.8	312.4	286.0	269.7	303.6	330.7	271.2	334.0
1982	279.0	315.3	292.7	279.8	306.4	331.2	233.8	337.3
1983	286.7	315.7	295.7	287.3	304.4	339.8	249.3	345.4

NOTE: For a description of the series by durability of product, see *Wholesale Prices and Price Indexes, Supplement 1976, Data for 1975.*

Table 114. Industry-sector indexes for the output of selected industries, 1959-83

[1967 = 100 unless otherwise indicated]

Industy	1972 SIC Code	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
MINING INDUSTRIES													
Iron ore (12/75 = 100)	1011	-	-	-	-	-	-	-	-	-	-	-	-
Mercury ores (12/75 = 100)	1092	-	-	-	-	-	-	-	-	-	-	-	-
Anthracite	1111	108.6	107.4	103.0	101.4	103.3	105.7	100.9	99.6	100.0	107.2	117.0	131.5
Bituminous coal and lignite	1211	95.3	94.7	93.9	93.2	93.0	92.8	93.0	95.5	100.0	103.5	112.2	151.9
Crude Petroleum and natural gas	1311	95.4	96.7	98.0	98.6	98.4	98.2	98.1	98.8	100.0	101.0	104.8	106.1
Crushed and broken stone	1421	94.6	95.1	96.0	96.8	98.5	97.4	97.5	97.7	100.0	102.9	106.8	112.4
Construction sand and gravel	1442	90.9	91.8	91.8	92.9	93.7	94.8	96.1	97.8	100.0	104.6	108.8	115.3
Kaolin and ball clay (6/76 = 100)	1455	-	-	-	-	-	-	-	-	-	-	-	-
Phosphate rock	1475	68.0	73.7	79.4	81.0	83.7	87.4	93.7	98.4	100.0	100.0	100.0	89.9
Rock salt	1476	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	104.7	110.7
Sulfur	1477	69.6	69.6	69.6	69.6	69.6	69.6	75.6	76.2	100.0	122.9	110.6	67.6
MANUFACTURING INDUSTRIES													
Meatpacking plants	2011	-	-	-	-	-	-	-	-	100.0	101.6	113.4	115.6
Sausages and other prepared meats	2013	-	-	-	-	-	-	-	-	100.0	101.2	115.9	118.8
Poultry dressing plants	2016	108.2	112.4	98.7	101.9	100.7	99.0	102.7	111.6	100.0	105.5	114.4	112.5
Creamery butter	2021	-	-	-	-	-	-	-	-	100.0	102.9	105.0	109.9
Natural and processed cheese (12/72 = 100)	2022	-	-	-	-	-	-	-	-	-	-	-	-
Ice cream and frozen desserts (12/72 = 100)	2024	-	-	-	-	-	-	-	-	-	-	-	-
Fluid milk (12/73 = 100)	2026	-	-	-	-	-	-	-	-	-	-	-	-
Canned fruits and vegetables	2033	-	-	-	-	-	-	-	-	100.0	105.3	104.4	107.7
Dried and dehydrated fruits and vegetables (12/73 = 100)	2034	-	-	-	-	-	-	-	-	-	-	-	-
Flour and other grain mill products (12/71 = 100)	2041	-	-	-	-	-	-	-	-	-	-	-	-
Prepared animal feeds (12/71 = 100)	2042	-	-	-	-	-	-	-	-	-	-	-	-
Rice milling	2044	100.6	95.1	99.6	104.5	104.2	100.4	98.1	98.7	100.0	100.0	96.9	97.0
Blended and prepared flour (12/74 = 100)	2045	-	-	-	-	-	-	-	-	-	-	-	-
Prepared feeds, n.e.c. (12/75 = 100)	2048	-	-	-	-	-	-	-	-	-	-	-	-
Bread and related products (12/73 = 100)	2051	-	-	-	-	-	-	-	-	-	-	-	-
Biscuits, crackers, and cookies	2052	-	-	-	-	-	-	-	-	100.0	103.1	104.7	113.3
Raw cane sugar	2061	-	-	-	-	-	-	-	-	100.0	103.1	106.3	111.2
Cane sugar refining	2062	-	-	-	-	-	-	-	-	100.0	102.2	107.3	113.0
Beet sugar	2063	-	-	-	-	-	-	-	-	100.0	102.4	105.0	111.7
Chewing gum	2067	94.5	100.3	103.1	103.1	103.1	103.1	100.8	100.0	100.0	100.2	100.4	107.0
Cottonseed oil mills	2074	92.3	85.0	99.9	94.2	91.9	87.7	93.9	110.9	100.0	103.1	90.1	105.5
Soybean oil mills	2075	-	-	-	-	-	-	-	-	100.0	96.0	95.6	110.1
Animal and marine fats and oils	2077	-	-	-	-	-	-	-	-	100.0	93.5	111.8	131.8
Shortening and cooking oils	2079	89.0	88.3	100.7	95.1	86.3	88.0	99.5	102.9	100.0	98.1	101.5	112.5
Malt liquors	2082	97.8	97.1	97.5	97.1	97.2	97.6	97.9	98.4	100.0	101.4	103.2	106.0
Malt	2083	-	-	-	-	-	-	-	-	100.0	97.1	97.1	94.6
Wines and brandy	2084	92.4	92.3	92.9	99.1	99.1	97.5	99.9	98.5	100.0	103.3	104.3	108.0
Distilled liquor, excluding brandy (12/75 = 100)	2085	-	-	-	-	-	-	-	-	-	-	-	-
Bottled and canned soft drinks (12/73 = 100)	2086	-	-	-	-	-	-	-	-	-	-	-	-
Canned and cured seafoods (12/73 = 100)	2091	-	-	-	-	-	-	-	-	-	-	-	-
Fresh or frozen packaged fish	2092	77.0	74.4	80.0	94.1	89.5	83.3	88.7	102.1	100.0	107.4	117.7	123.7
Roasted coffee (12/72 = 100)	2095	-	-	-	-	-	-	-	-	-	-	-	-
Macaroni and noodle products	2098	-	-	-	-	-	-	-	-	100.0	100.2	101.4	104.5
Cigarettes	2111	89.5	89.6	89.6	89.6	92.0	93.3	93.6	96.6	100.0	102.3	107.6	114.5
Cigars	2121	99.8	99.7	99.7	99.7	99.6	99.6	99.6	100.0	100.0	100.8	103.4	106.4
Chewing and smoking tobacco	2131	81.7	83.9	84.6	85.8	88.9	92.1	92.6	99.3	100.0	101.1	107.0	114.4
Weaving mills, cotton (12/72 = 100)	2211	-	-	-	-	-	-	-	-	-	-	-	-
Women's hosiery, excluding socks (12/75 = 100)	2251	-	-	-	-	-	-	-	-	-	-	-	-
Knit underwear mills	2254	-	-	-	-	-	-	-	-	100.0	103.2	105.3	106.6
Circular knit fabric (6/76 = 100)	2257	-	-	-	-	-	-	-	-	-	-	-	-
Finishers of broadwoven fabrics of cotton (6/76 = 100)	2261	-	-	-	-	-	-	-	-	-	-	-	-
Finishers of broadwoven fabrics of cotton (6/76 = 100)	2262	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967=100 unless otherwise indicated]

Industy	1972 SIC Code	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
MANUFACTURING INDUSTRIES—Continued													
Woven carpets and rugs (12/75=100)	2271	–	–	–	–	–	–	–	–	–	–	–	–
Tufted carpets and rugs	2272	–	–	–	–	–	–	–	–	100.0	100.4	100.2	98.5
Yarn mills, except wool (12/71=100)	2281	–	–	–	–	–	–	–	–	–	–	–	–
Yarn texturizing (6/76=100)	2282	–	–	–	–	–	–	–	–	–	–	–	–
Thread mills (6/76=100)	2284	–	–	–	–	–	–	–	–	–	–	–	–
Scouring and combining plants (12/73=100)	2297	–	–	–	–	–	–	–	–	–	–	–	–
Men's and boys' suits and coats	2311	82.9	85.5	86.9	86.7	89.4	92.1	94.7	97.8	100.0	106.0	114.2	121.4
Men's dress shirts and nightwear	2321	90.0	91.5	92.2	94.0	94.7	95.2	95.7	98.0	100.0	103.0	107.8	110.8
Men's and boys' underwear	2322	–	–	–	–	–	–	–	–	100.0	102.8	105.9	108.1
Men's and boys' neckwear (12/75=100)	2323	–	–	–	–	–	–	–	–	–	–	–	–
Men's and boys' separate trousers	2327	–	–	–	–	–	–	–	–	100.0	102.2	105.1	107.2
Working clothing	2328	90.3	92.4	92.4	94.4	94.2	94.5	94.3	95.2	100.0	102.9	105.8	110.3
Women's suits, coats, and skirts (12/71=100)	2337	–	–	–	–	–	–	–	–	–	–	–	–
Women's and children's underwear (12/72=100)	2341	–	–	–	–	–	–	–	–	–	–	–	–
Brassieres and allied garments (12/75=100)	2342	–	–	–	–	–	–	–	–	–	–	–	–
Fabric dress and work gloves	2381	84.1	86.5	88.2	91.9	93.5	95.0	95.0	96.2	100.0	104.2	108.4	111.9
Sawmills and planing mills (12/71=100)	2421	–	–	–	–	–	–	–	–	–	–	–	–
Hardwood dimension and flooring	2426	–	–	–	–	–	–	–	–	100.0	106.6	118.3	113.3
Millwork plants (12/71=100)	2431	–	–	–	–	–	–	–	–	–	–	–	–
Veneer and plywood (12/71=100)	2432	–	–	–	–	–	–	–	–	–	–	–	–
Softwood veneer and plywood (12/75=100)	2436	–	–	–	–	–	–	–	–	–	–	–	–
Structural wood members (12/75=100)	2439	–	–	–	–	–	–	–	–	–	–	–	–
Wirebound boxes and crates (12/67=100)	2442	–	–	–	–	–	–	–	–	–	104.5	108.1	114.3
Wood pallets and skids (12/75=100)	2448	–	–	–	–	–	–	–	–	–	–	–	–
Mobile homes (12/74=100)	2451	–	–	–	–	–	–	–	–	–	–	–	–
Particle board (12/75=100)	2492	–	–	–	–	–	–	–	–	–	–	–	–
Wood household furniture, not upholstered (12/71=100)	2511	–	–	–	–	–	–	–	–	–	–	–	–
Wood household furniture, upholstered (12/71=100)	2512	–	–	–	–	–	–	–	–	–	–	–	–
Mattresses and bedsprings	2515	–	–	–	–	–	–	–	–	100.0	102.5	106.9	107.7
Wood office furniture	2521	81.7	84.5	85.1	85.7	86.4	87.0	88.4	92.3	100.0	103.6	109.0	114.2
Pulp mills (12/73=100)	2611	–	–	–	–	–	–	–	–	–	–	–	–
Papermills, except building papermills (12/74=100)	2621	–	–	–	–	–	–	–	–	–	–	–	–
Paperboard mills (12/74=100)	2631	–	–	–	–	–	–	–	–	–	–	–	–
Sanitary paper products	2647	–	–	–	–	–	–	–	–	100.0	104.1	108.8	115.0
Set-up paperboard boxes (12/72=100)	2652	–	–	–	–	–	–	–	–	–	–	–	–
Sanitary food containers	2654	–	–	–	–	–	–	–	–	100.0	100.6	100.0	102.2
Fiber cans, drums, and similar products (12/75=100)	2655	–	–	–	–	–	–	–	–	–	–	–	–
Alkalies and chlorine (12/73=100)	2812	–	–	–	–	–	–	–	–	–	–	–	–
Inorganic chemicals, n.e.c. (12/73=100)[1]	2819	–	–	–	–	–	–	–	–	–	–	–	–
Plastics materials and resins (6/76=100)	2821	–	–	–	–	–	–	–	–	–	–	–	–
Synthetic rubber	2822	103.9	103.9	103.6	100.3	101.3	101.0	100.9	101.0	100.0	98.9	99.7	100.0
Cellulosic manmade fibers	2823	105.6	100.5	99.3	99.2	99.5	100.3	100.2	100.4	100.0	100.4	100.9	100.9
Synthetic organic fibers, noncellulosic	2824	–	–	–	–	–	–	–	–	100.0	98.8	98.7	98.5
Pharmaceutical preparations (12/71=100)	2834	–	–	–	–	–	–	–	–	–	–	–	–
Soap and other detergents (12/71=100)	2841	–	–	–	–	–	–	–	–	–	–	–	–
Perfumes, cosmetics, and other toilet preparations (12/71=100)	2844	–	–	–	–	–	–	–	–	–	–	–	–
Nitrogenous fertilizers (12/75=100)	2873	–	–	–	–	–	–	–	–	–	–	–	–
Phosphatic fertilizers	2874	–	–	–	–	–	–	–	–	100.0	100.0	91.5	87.6
Fertilizers, mixing only	2875	–	–	–	–	–	–	–	–	100.0	97.5	91.5	95.2
Explosives	2892	91.8	94.5	97.0	97.0	100.4	100.0	99.7	98.2	100.0	102.2	104.3	106.3
Petroleum refining (6/76=100)	2911	–	–	–	–	–	–	–	–	–	–	–	–
Paving mixtures and blocks (12/75=100)	2951	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967 = 100 unless otherwise indicated]

Industy	1972 SIC Code	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
MANUFACTURING INDUSTRIES—Continued													
Asphalt felts and coatings (12/75 = 100)	2952	-	-	-	-	-	-	-	-	-	-	-	-
Tires and inner tubes (12/73 = 100)	3011	-	-	-	-	-	-	-	-	-	-	-	-
Rubber footwear (12/71 = 100)	3021	-	-	-	-	-	-	-	-	-	-	-	-
Reclaimed rubber (12/73 = 100)	3031	-	-	-	-	-	-	-	-	-	-	-	-
Leather tanning and finishing (12/77 = 100)	3111	-	-	-	-	-	-	-	-	-	-	-	-
Industrial leather belting and packing	3121	-	-	-	-	-	-	-	-	100.0	109.2	114.0	120.3
Shoes, except rubber (12/71 = 100)	3141	-	-	-	-	-	-	-	-	-	-	-	-
House slippers (12/75 = 100)	3142	-	-	-	-	-	-	-	-	-	-	-	-
Men's footwear, except athletic (12/75 = 100)	3143	-	-	-	-	-	-	-	-	-	-	-	-
Women's footwear, except athletic	3144	-	-	-	-	-	-	-	-	100.0	105.2	110.1	114.3
Women's handbags and purses (12/75 = 100)	3171	-	-	-	-	-	-	-	-	-	-	-	-
Flat glass (12/71 = 100)	3211	-	-	-	-	-	-	-	-	-	-	-	-
Glass containers	3221	100.8	98.1	97.2	95.8	95.5	96.0	96.9	98.8	100.0	107.5	114.8	120.3
Cement, hydraulic	3241	98.4	100.3	100.1	99.8	98.4	97.9	98.1	98.4	100.0	102.5	105.6	110.7
Brick and structural clay tile	3251	89.9	91.2	91.7	92.8	93.6	94.5	95.6	98.2	100.0	103.7	108.4	113.2
Ceramic wall and floor tile (12/75 = 100)	3253	-	-	-	-	-	-	-	-	-	-	-	-
Clay refractories	3255	94.8	94.8	94.1	93.7	93.8	96.4	97.7	98.5	100.0	107.3	110.7	122.7
Structural clay products, n.e.c.	3259	91.0	92.7	93.4	94.1	94.6	95.5	96.0	97.4	100.0	101.0	101.9	105.8
Vitreous plumbing fixtures	3261	105.7	106.5	104.2	94.5	91.3	92.9	96.5	99.3	100.0	102.9	106.2	106.2
Vitreous china food utensils	3262	84.8	86.1	86.6	87.1	87.4	90.0	90.5	95.2	100.0	109.1	115.4	124.2
Fine earthware food utensils	3263	86.9	88.7	91.4	92.5	92.5	92.6	92.6	95.9	100.0	104.2	108.5	112.6
Pottery products, n.e.c. (12/75 = 100)	3269	-	-	-	-	-	-	-	-	-	-	-	-
Concrete block and brick	3271	94.0	96.1	95.9	94.7	94.5	95.5	97.2	98.8	100.0	104.2	107.9	113.3
Ready-mix concrete	3273	95.7	96.4	96.7	97.0	96.7	96.1	96.6	98.0	100.0	102.7	107.3	113.5
Lime (12/75 = 100)	3274	-	-	-	-	-	-	-	-	-	-	-	-
Gypsum products	3275	98.7	98.7	100.6	101.7	102.1	104.8	100.9	99.4	100.0	103.5	103.6	99.8
Abrasive products (12/71 = 100)	3291	-	-	-	-	-	-	-	-	-	-	-	-
Nonclay refractories (12/74 = 100)	3297	-	-	-	-	-	-	-	-	-	-	-	-
Blast furnace and steel mills	3312	97.0	96.8	96.5	96.1	96.3	97.1	97.6	98.9	100.0	102.3	107.0	114.2
Electrometallurgical products (12/75 = 100)	3313	-	-	-	-	-	-	-	-	-	-	-	-
Steel wire drawing, etc	3315	-	-	-	-	-	-	-	-	100.0	101.6	106.5	112.3
Cold finishing of steel shapes	3316	-	-	-	-	-	-	-	-	100.0	104.1	109.4	116.7
Steel pipe and tube	3317	-	-	-	-	-	-	-	-	100.0	102.0	106.1	111.9
Gray iron foundries (12/68 = 100)	3321	-	-	-	-	-	-	-	-	-	-	101.3	107.5
Malleable iron foundries (12/73 = 100)	3222	-	-	-	-	-	-	-	-	-	-	-	-
Primary zinc	3333	-	-	-	-	-	-	-	-	100.0	97.7	105.7	112.1
Primary aluminum	3334	-	-	-	-	-	-	-	-	100.0	102.6	105.7	112.9
Primary nonferrous metals, n.e.c.	3339	-	-	-	-	-	-	-	-	100.0	114.5	117.3	135.8
Secondary nonferrous metals (12/71 = 100)	3341	-	-	-	-	-	-	-	-	-	-	-	-
Copper rolling and drawing	3351	79.0	81.5	76.8	75.8	75.0	79.8	88.9	98.5	100.0	107.0	118.6	130.3
Aluminum rolling and drawing (12/68 = 100)	3352	-	-	-	-	-	-	-	-	-	-	104.6	108.6
Aluminum sheet, plate, and foil (12/75 = 100)	3353	-	-	-	-	-	-	-	-	-	-	-	-
Aluminum extruded products (12/75 = 100)	3354	-	-	-	-	-	-	-	-	-	-	-	-
Aluminum rolling and drawing, n.e.c. (12/75 = 100)	3355	-	-	-	-	-	-	-	-	-	-	-	-
Rolling, drawing, and extruding of metals, except copper and aluminum (12/71 = 100)	3356	-	-	-	-	-	-	-	-	-	-	-	-
Metal cans	3411	-	-	-	-	-	-	-	-	100.0	103.7	106.8	112.3
Hand and edge tools (12/67 = 100)	3423	-	-	-	-	-	-	-	-	-	102.7	108.1	115.0
Handsaws and saw blades (12/72 = 100)	3425	-	-	-	-	-	-	-	-	-	-	-	-
Metal plumbing fixtures	3431	109.2	112.4	112.2	106.2	101.7	99.8	98.3	99.1	100.0	101.7	106.3	107.4
Bolts, nuts, rivets, and washers (12/73 = 100)	3452	-	-	-	-	-	-	-	-	-	-	-	-
Automotive stamping (12/75 = 100)	3465	-	-	-	-	-	-	-	-	-	-	-	-
Small arms ammunition (12/75 = 100)	3482	-	-	-	-	-	-	-	-	-	-	-	-
Metal barrels, drums, and pails (12/73 = 100)	3491	-	-	-	-	-	-	-	-	-	-	-	-
Steel springs, except wire	3493	-	-	-	-	-	-	-	-	100.0	102.3	106.1	108.9
Valves and pipe fittings (12/71 = 100)	3494	-	-	-	-	-	-	-	-	-	-	-	-
Collapsible tubes	3496	104.4	102.2	100.6	100.9	100.8	101.3	99.5	99.1	100.0	105.4	108.7	113.0
Fabricated pipe and fittings	3498	89.7	90.6	88.8	88.3	88.8	89.1	91.9	95.7	100.0	107.4	115.2	120.7

See footnotes at end of table.

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Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967=100 unless otherwise indicated]

Industy	1972 SIC Code	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
MANUFACTURING INDUSTRIES—Continued													
Internal combustion engines, n.e.c.	3519	–	–	–	–	–	–	–	–	100.0	103.9	108.0	112.7
Construction machinery (12/76=100)	3531	–	–	–	–	–	–	–	–	–	–	–	–
Mining machinery and equipment (12/72=100)	3532	–	–	–	–	–	–	–	–	–	–	–	–
Oilfield machinery and equipment	3533	92.3	92.5	94.1	95.2	94.3	95.0	95.0	96.6	100.0	106.3	112.4	119.0
Elevators and moving stairways	3534	–	–	–	–	–	–	–	–	100.0	102.3	105.8	116.0
Conveyors and conveying equipment (12/71=100)	3535	–	–	–	–	–	–	–	–	–	–	–	–
Hoist industrial cranes, and monorail systems (12/74=100)	3536	–	–	–	–	–	–	–	–	–	–	–	–
Industrial trucks and tractors	3537	86.3	88.7	91.2	93.6	93.7	94.5	95.1	97.7	100.0	104.9	110.9	115.8
Metal cutting machine tools (12/71=100)	3541	–	–	–	–	–	–	–	–	–	–	–	–
Metal forming machine tools (12/71=100)	3542	–	–	–	–	–	–	–	–	–	–	–	–
Machine tool accessories and measuring devices (12/74=100)	3545	–	–	–	–	–	–	–	–	–	–	–	–
Power-driven handtools (12/76=100)	3546	–	–	–	–	–	–	–	–	–	–	–	–
Textile machinery (12/69=100)	3552	–	–	–	–	–	–	–	–	–	–	–	102.8
Woodworking machinery (12/72=100)	3553	–	–	–	–	–	–	–	–	–	–	–	–
Printing trades machinery and equipment (12/72=100)	3555	–	–	–	–	–	–	–	–	–	–	–	–
Ball and roller bearings	3562	–	–	–	–	–	–	–	–	100.0	101.5	103.4	109.2
Typewriters	3572	–	–	–	–	–	–	–	–	100.0	100.5	101.2	103.3
Scales and balances, except laboratory	3576	86.8	89.4	89.7	90.9	91.5	92.0	92.7	95.7	100.0	103.4	109.1	113.0
Carburetors, pistons, piston rings, and valves (6/76=100)	3592	–	–	–	–	–	–	–	–	–	–	–	–
Transformers	3612	–	–	–	–	–	–	–	–	100.0	103.2	98.1	100.1
Switchgear and switchboards	3613	–	–	–	–	–	–	–	–	100.0	103.3	103.6	109.6
Electric welding apparatus (12/72=100)	3623	–	–	–	–	–	–	–	–	–	–	–	–
Carbon and graphite products (12/67=100)	3624	–	–	–	–	–	–	–	–	–	100.8	102.9	107.7
Household cooking equipment (12/75=100)	3631	–	–	–	–	–	–	–	–	–	–	–	–
Household refrigeration and home and farm freezers (6/76=100)	3632	–	–	–	–	–	–	–	–	–	–	–	–
Household laundry equipment (12/73=100)	3633	–	–	–	–	–	–	–	–	–	–	–	–
Electric housewares and fans (12/71=100)	3634	–	–	–	–	–	–	–	–	–	–	–	–
Household vacuum cleaners	3635	–	–	–	–	–	–	–	–	100.0	101.0	99.6	100.0
Sewing machines (12/75=100)	3636	–	–	–	–	–	–	–	–	–	–	–	–
Electric lamps	3641	–	–	–	–	–	–	–	–	100.0	104.0	100.6	104.6
Lighting fixtures (12/71=100)	3642	–	–	–	–	–	–	–	–	–	–	–	–
Noncurrent-carrying wiring devices (12/72=100)	3644	–	–	–	–	–	–	–	–	–	–	–	–
Commercial lighting fixtures (12/75=100)	3646	–	–	–	–	–	–	–	–	–	–	–	–
Lighting equipment, n.e.c. (12/75=100)	3648	–	–	–	–	–	–	–	–	–	–	–	–
Phonograph records	3652	94.6	94.6	94.8	95.1	93.8	92.6	94.9	95.1	100.0	104.0	106.6	107.4
Electron tubes, receiving type	3671	–	–	–	–	–	–	–	–	100.0	104.9	116.7	125.6
Cathode ray picture tubes	3672	–	–	–	–	–	–	–	–	100.0	92.3	88.0	81.6
Electron tubes, transmitting	3673	–	–	–	–	–	–	–	–	100.0	101.0	102.2	104.2
Semiconductors and related devices	3674	–	–	–	–	–	–	–	–	100.0	96.5	96.6	95.7
Electronic capacitors (12/75=100)	3675	–	–	–	–	–	–	–	–	–	–	–	–
Electronic resistors (12/75=100)	3676	–	–	–	–	–	–	–	–	–	–	–	–
Electronic connectors (12/75=100)	3678	–	–	–	–	–	–	–	–	–	–	–	–
Primary batteries, dry and wet	3692	90.9	91.0	89.7	86.8	85.7	86.2	86.7	88.2	100.0	100.1	103.3	105.3
X-ray equipment, apparatus, and tubes (12/67=100)	3693	–	–	–	–	–	–	–	–	–	105.3	113.1	120.7
Motor vehicles and passenger car bodies (12/75=100)	3711	–	–	–	–	–	–	–	–	–	–	–	–
Motor vehicles and parts	3717	–	–	–	–	–	–	–	–	100.0	103.4	105.6	110.0
Electric measuring instruments and test equipment (12/71=100)	3825	–	–	–	–	–	–	–	–	–	–	–	–
Photographic equipment (12/71=100)	3861	–	–	–	–	–	–	–	–	–	–	–	–
Dolls (12/75=100)	3942	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967 = 100 unless otherwise indicated]

Industy	1972 SIC Code	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
MANUFACTURING INDUSTRIES—Continued													
Games, toys, and children's vehicles, except dolls and bicycles	3944	–	–	–	–	–	–	–	–	100.0	103.4	105.2	110.0
Carbon paper and inked ribbons (12/75 = 100)	3955	–	–	–	–	–	–	–	–	–	–	–	–
Burial caskets (6/76 = 100)	3995	–	–	–	–	–	–	–	–	–	–	–	–
Hard surface floor coverings (12/75 = 100)	3996	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967=100 unless otherwise indicated]

Industy	1972 SIC Code	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
MINING INDUSTRIES														
Iron ore (12/75=100)	1011	–	–	–	–	–	107.2	116.6	121.9	134.8	152.9	167.6	175.2	177.1
Mercury ores (12/75=100)	1092	–	–	–	–	–	103.1	117.5	126.6	234.4	331.2	346.0	312.2	269.7
Anthracite	1111	144.8	151.0	166.8	246.9	372.6	–	–	–	–	–	–	–	–
Bituminous coal and lignite	1211	185.2	197.4	222.5	339.6	387.2	367.7	388.7	430.2	451.3	466.7	493.7	530.7	–
Crude Petroleum and natural gas	1311	114.3	115.4	127.2	199.8	239.4	266.8	317.0	358.2	459.8	643.8	898.6	925.8	921.4
Crushed and broken stone	1421	117.8	120.2	122.7	133.0	147.6	–	–	–	–	–	–	–	–
Construction sand and gravel	1442	120.8	123.3	127.6	139.1	157.0	167.4	178.6	194.6	217.6	252.7	277.4	294.7	–
Kaolin and ball clay (6/76=100)	1455	–	–	–	–	–	–	104.1	111.8	125.8	136.0	138.7	151.2	164.3
Phosphate rock	1475	79.8	79.8	79.8	–	–	–	–	–	–	–	–	–	–
Rock salt	1476	118.3	124.4	124.4	–	–	–	–	–	–	–	–	–	–
Sulfur	1477	59.8	59.8	59.8	–	–	–	–	–	–	–	–	–	–
MANUFACTURING INDUSTRIES														
Meatpacking plants	2011	115.5	130.5	168.0	168.4	195.4	176.6	177.9	216.7	247.4	244.4	243.1	249.6	–
Sausages and other prepared meats	2013	110.8	126.8	169.5	163.1	195.2	184.4	179.9	215.2	219.6	220.2	241.4	265.8	–
Poultry dressing plants	2016	111.0	113.8	175.6	157.1	181.5	165.3	172.1	192.5	187.1	191.9	192.0	–	–
Creamery butter	2021	113.1	116.4	131.7	139.8	158.6	173.9	183.9	205.2	228.8	258.5	274.8	276.0	275.8
Natural and processed cheese (12/72=100)	2022	–	–	112.3	124.1	134.9	148.9	152.0	169.6	189.2	204.4	215.7	218.5	–
Ice cream and frozen desserts (12/72=100)	2024	–	–	103.3	117.2	127.3	135.7	143.8	154.8	172.5	193.3	211.9	214.4	–
Fluid milk (12/73=100)	2026	–	–	–	105.4	109.0	–	–	–	–	–	–	–	–
Canned fruits and vegetables	2033	111.7	115.6	123.6	150.6	169.2	168.5	179.5	193.2	208.6	221.4	248.5	262.4	–
Dried and dehydrated fruits and vegetables (12/73=100)	2034	–	–	–	105.4	100.8	103.3	125.0	131.3	174.2	160.2	177.6	180.7	–
Flour and other grain mill products (12/71=100)	2041	–	103.8	140.5	177.7	163.6	153.2	130.7	147.0	173.1	189.1	196.0	186.2	–
Prepared animal feeds (12/71=100)	2042	–	106.4	162.2	175.0	168.5	–	–	–	–	–	–	–	–
Rice milling	2044	98.9	110.9	207.0	285.0	209.9	157.7	170.9	207.6	204.0	243.4	277.2	185.1	193.4
Blended and prepared flour (12/74=100)	2045	–	–	–	–	98.5	–	–	–	–	–	–	–	–
Prepared feeds, n.e.c. (12/75=100)	2048	–	–	–	–	–	107.8	109.2	107.3	120.4	124.2	124.5	113.2	–
Bread and related products (12/73=100)	2051	–	–	–	109.1	118.8	–	–	–	–	–	–	–	–
Biscuits, crackers, and cookies	2052	119.3	122.0	129.7	168.0	196.4	–	–	–	–	–	–	–	–
Raw cane sugar	2061	116.9	125.1	140.5	395.0	314.6	186.0	147.3	190.7	210.3	414.1	273.5	277.2	–
Cane sugar refining	2062	118.3	124.9	136.1	329.0	314.9	–	–	–	–	–	–	–	–
Beet sugar	2063	116.8	120.8	128.9	326.0	302.8	176.5	158.4	188.5	202.6	358.0	314.3	283.9	–
Chewing gum	2067	123.6	125.9	126.2	144.6	195.1	202.7	203.4	218.0	245.8	290.7	309.8	304.1	326.8
Cottonseed oil mills	2074	111.1	110.6	177.4	197.6	161.9	177.9	185.8	183.1	207.4	192.9	199.0	168.3	204.1
Soybean oil mills	2075	111.4	128.1	258.1	228.7	187.2	196.4	232.3	225.6	245.0	244.3	245.8	215.0	–
Animal and marine fats and oils	2077	125.7	132.5	271.8	269.2	222.4	243.2	268.8	287.9	338.4	290.2	288.0	256.0	–
Shortening and cooking oils	2079	121.3	120.2	147.1	229.0	211.5	–	–	–	–	–	–	–	–
Malt liquors	2082	110.5	110.7	111.6	122.2	136.9	–	–	–	–	–	–	–	–
Malt	2083	98.5	94.2	121.3	206.2	266.6	223.9	208.5	181.5	203.7	249.9	282.5	256.9	234.1
Wines and brandy	2084	117.1	125.2	133.5	147.7	156.9	–	–	–	–	–	–	–	–
Distilled liquor, excluding brandy (12/75=100)	2085	–	–	–	–	–	100.1	100.9	106.7	113.7	123.0	134.7	140.1	–
Bottled and canned soft drinks (12/73=100)	2086	–	–	–	119.0	147.7	–	–	–	–	–	–	–	–
Canned and cured seafoods (12/73=100)	2091	–	–	–	107.2	107.0	113.0	129.7	136.4	146.4	174.0	187.8	187.0	174.1
Fresh or frozen packaged fish	2092	141.6	166.6	200.2	202.9	218.5	276.0	292.3	303.8	381.6	367.0	369.1	430.5	–
Roasted coffee (12/72=100)	2095	–	–	104.7	120.7	131.4	188.4	315.4	262.3	254.5	269.3	238.1	247.2	–
Macaroni and noodle products	2098	106.2	107.3	126.6	168.3	174.1	170.2	168.0	176.9	199.7	233.8	252.1	258.5	256.8
Cigarettes	2111	117.3	118.2	122.9	134.7	152.3	167.0	185.1	204.6	225.0	254.7	277.7	338.6	–
Cigars	2121	108.1	109.1	111.6	117.8	123.2	126.2	130.8	141.4	147.3	158.6	170.0	179.1	–
Chewing and smoking tobacco	2131	125.0	125.6	129.4	137.6	167.8	183.4	199.4	222.0	248.4	279.8	320.7	351.5	–
Weaving mills, cotton (12/72=100)	2211	–	–	110.0	134.8	136.8	162.8	173.6	181.1	195.3	215.8	232.7	223.1	–
Women's hosiery, excluding socks (12/75=100)	2251	–	–	–	–	–	102.8	97.1	91.5	97.5	106.3	113.5	116.8	122.4

See footnotes at end of table.

NEWARK PUBLIC LIBRARY

Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967 = 100 unless otherwise indicated]

Industy	1972 SIC Code	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
MANUFACTURING INDUSTRIES—Continued														
Knit underwear mills	2254	107.9	110.0	113.8	130.6	135.1	-	156.2	164.1	173.3	190.1	210.2	228.7	-
Circular knit fabric (6/76 = 100)	2257	-	-	-	-	-	-	98.8	98.5	95.2	104.6	110.9	109.5	-
Finishers of broadwoven fabrics of cotton (6/76 = 100)	2261	-	-	-	-	-	-	108.7	111.0	121.8	135.1	144.9	139.5	135.7
Finishers of broadwoven fabrics of cotton (6/76 = 100)	2262	-	-	-	-	-	-	99.5	101.4	107.2	113.6	126.5	128.2	126.7
Woven carpets and rugs (12/75 = 100)	2271	-	-	-	-	-	100.3	108.6	114.7	-	-	-	-	-
Tufted carpets and rugs	2272	96.2	95.5	100.5	110.5	114.1	117.8	121.2	125.3	128.0	138.1	154.2	156.2	-
Yarn mills, except wool (12/71 = 100)	2281	-	104.7	124.8	149.4	129.8	162.4	165.8	167.4	176.7	203.8	221.7	213.8	-
Yarn texturizing (6/76 = 100)	2282	-	-	-	-	-	-	97.8	99.2	107.4	115.5	139.3	146.2	-
Thread mills (6/76 = 100)	2284	-	-	-	-	-	-	110.8	114.6	123.7	139.1	151.5	157.2	164.9
Scouring and combining plants (12/73 = 100)	2297	-	-	-	82.6	70.9	-	-	-	-	-	-	-	-
Men's and boys' suits and coats	2311	128.3	132.6	139.2	151.6	160.4	-	-	194.3	204.2	212.6	224.0	237.1	-
Men's dress shirts and nightwear	2321	112.3	112.7	119.3	136.5	143.8	158.3	177.6	180.8	194.0	204.4	209.5	215.1	-
Men's and boys' underwear	2322	110.5	112.2	119.7	147.3	149.2	154.3	172.0	180.6	188.9	208.0	230.6	249.4	-
Men's and boys' neckwear (12/75 = 100)	2323	-	-	-	-	-	100.0	100.3	102.3	106.5	112.7	114.7	119.5	122.2
Men's and boys' separate trousers	2327	110.6	108.5	110.1	120.4	127.2	140.6	147.7	152.7	161.5	175.4	186.2	193.6	-
Working clothing	2328	113.8	117.1	124.2	153.3	157.5	-	-	195.2	208.6	240.5	248.6	253.2	-
Women's suits, coats, and skirts (12/71 = 100)	2337	-	100.3	101.3	105.5	104.7	-	-	-	-	-	-	-	-
Women's and children's underwear (12/72 = 100)	2341	-	-	102.7	114.1	116.0	122.3	128.2	132.1	144.3	154.4	169.7	176.8	-
Brassieres and allied garments (12/75 = 100)	2342	-	-	-	-	-	103.8	107.3	111.7	116.9	126.5	136.7	148.7	-
Fabric dress and work gloves	2381	111.5	120.7	134.8	175.8	172.1	179.4	199.7	214.4	241.4	268.6	289.3	292.1	293.3
Sawmills and planing mills (12/71 = 100)	2421	-	111.1	142.8	143.2	133.5	163.1	195.0	228.9	251.0	227.7	228.2	216.9	-
Hardwood dimension and flooring	2426	115.6	126.1	168.3	180.7	160.6	-	-	-	-	-	-	-	-
Millwork plants (12/71 = 100)	2431	-	103.5	116.1	127.1	131.1	-	-	-	-	-	-	-	-
Veneer and plywood (12/71 = 100)	2432	-	112.3	136.8	138.7	140.8	-	-	-	-	-	-	-	-
Softwood veneer and plywood (12/75 = 100)	2436	-	-	-	-	-	114.7	134.9	150.1	152.3	144.6	142.0	129.3	-
Structural wood members (12/75 = 100)	2439	-	-	-	-	-	106.3	120.4	136.2	151.2	155.6	156.6	154.1	-
Wirebound boxes and crates (12/67 = 100)	2442	117.6	124.2	143.7	171.4	175.4	-	-	-	-	-	-	-	-
Wood pallets and skids (12/75 = 100)	2448	-	-	-	-	-	105.3	119.6	149.4	166.5	160.1	152.5	145.6	149.2
Mobile homes (12/74 = 100)	2451	-	-	-	-	102.0	108.1	116.8	126.5	138.2	150.3	156.9	162.8	-
Particle board (12/75 = 100)	2492	-	-	-	-	-	100.2	120.1	159.7	139.1	161.5	173.6	175.9	-
Wood household furniture, not upholstered (12/71 = 100)	2511	-	102.0	107.7	119.4	127.5	134.6	141.6	152.4	165.5	183.8	197.5	207.3	-
Wood household furniture, upholstered (12/71 = 100)	2512	-	101.1	105.8	116.5	124.1	129.5	136.6	143.1	150.0	163.6	174.0	182.1	-
Mattresses and bedsprings	2515	108.9	110.7	114.4	124.8	132.7	138.2	145.6	156.3	165.7	179.1	192.3	205.7	-
Wood office furniture	2521	117.5	119.8	126.1	147.1	160.1	166.3	178.6	194.4	215.3	235.2	254.2	270.3	281.3
Pulp mills (12/73 = 100)	2611	-	-	-	143.2	183.1	186.5	185.3	178.5	200.6	240.0	252.4	243.0	-
Papermills, except building papermills (12/74 = 100)	2621	-	-	-	-	101.7	106.4	110.7	115.7	130.2	145.5	156.2	160.3	-
Paperboard mills (12/74 = 100)	2631	-	-	-	-	100.5	103.6	104.4	106.4	119.8	139.0	151.7	149.1	-
Sanitary paper products	2647	119.2	120.7	124.7	155.2	193.5	212.8	234.4	251.4	277.7	322.0	343.4	348.7	-
Set-up paperboard boxes (12/72 = 100)	2652	-	-	107.6	130.6	140.0	-	-	-	-	-	-	-	-
Sanitary food containers	2654	105.4	107.1	110.2	128.6	146.8	154.3	163.2	170.8	188.7	216.1	244.8	259.7	266.1
Fiber cans, drums, and similar products (12/75 = 100)	2655	-	-	-	-	-	106.4	114.7	123.0	134.8	150.6	163.0	177.8	186.5
Alkalies and chlorine (12/73 = 100)	2812	-	-	-	126.5	186.4	198.5	198.9	198.8	208.8	247.5	305.9	324.5	-
Inorganic chemicals, n.e.c. (12/73 = 100)[1]	2819	-	-	-	124.6	168.9	-	-	-	-	-	-	-	-
Plastics materials and resins (6/76 = 100)	2821	-	-	-	-	-	-	102.3	103.8	121.2	143.0	150.8	151.1	-
Synthetic rubber	2822	99.8	100.0	100.8	132.7	150.8	159.3	169.3	180.5	210.3	255.8	293.3	301.9	-
Cellulosic manmade fibers	2823	102.4	106.2	109.0	129.2	145.8	-	-	-	-	-	-	-	-
Synthetic organic fibers, noncellulosic	2824	98.0	98.0	97.9	100.8	101.5	102.2	106.5	107.6	117.6	132.5	155.6	160.8	-

See footnotes at end of table.

Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967=100 unless otherwise indicated]

Industy	1972 SIC Code	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
MANUFACTURING INDUSTRIES—Continued														
Pharmaceutical preparations (12/71=100)	2834	–	100.5	101.9	108.4	118.9	–	–	–	–	–	–	–	–
Soap and other detergents (12/71=100)	2841	–	100.1	103.0	122.3	141.2	–	–	–	–	–	–	–	–
Perfumes, cosmetics, and other toilet preparations (12/71=100)	2844	–	99.0	98.7	105.6	114.3	–	–	–	–	–	–	–	–
Nitrogenous fertilizers (12/75=100)	2873	–	–	–	–	–	95.5	97.7	96.6	103.4	124.4	142.8	138.4	–
Phosphatic fertilizers	2874	91.8	90.4	96.0	134.7	189.0	156.9	160.1	166.0	193.8	237.3	254.1	252.2	–
Fertilizers, mixing only	2875	102.5	103.1	114.0	163.6	195.5	177.1	176.6	181.9	203.8	246.9	270.7	276.2	–
Explosives	2892	112.8	114.8	119.5	146.6	174.4	186.6	200.8	217.3	239.4	269.7	311.9	326.2	–
Petroleum refining (6/76=100)	2911	–	–	–	–	–	–	113.8	119.6	163.6	248.6	294.4	278.3	253.8
Paving mixtures and blocks (12/75=100)	2951	–	–	–	–	–	101.8	107.4	117.1	134.3	171.4	194.3	196.5	–
Asphalt felts and coatings (12/75=100)	2952	–	–	–	–	–	104.3	111.1	128.2	142.5	173.4	176.9	173.5	166.9
Tires and inner tubes (12/73=100)	3011	–	–	–	114.6	128.0	138.9	146.1	154.0	176.4	203.1	215.8	221.3	–
Rubber footwear (12/71=100)	3021	–	107.0	113.6	128.2	133.0	135.9	148.7	158.7	171.1	177.9	184.4	187.0	–
Reclaimed rubber (12/73=100)	3031	–	–	–	115.7	127.0	140.3	148.5	154.3	170.0	184.7	194.1	207.9	–
Leather tanning and finishing (12/77=100)	3111	–	–	–	–	–	–	–	119.1	167.5	146.6	150.7	148.4	–
Industrial leather belting and packing	3121	125.6	132.4	145.3	159.0	173.6	–	–	–	–	–	–	–	–
Shoes, except rubber (12/71=100)	3141	–	106.4	111.4	119.2	126.0	–	–	–	–	–	–	–	–
House slippers (12/75=100)	3142	–	–	–	–	–	103.5	108.9	122.5	135.8	149.1	–	–	–
Men's footwear, except athletic (12/75=100)	3143	–	–	–	–	–	106.8	115.1	127.1	152.7	159.8	169.3	174.4	–
Women's footwear, except athletic	3144	116.9	123.5	125.3	131.7	139.2	146.6	151.9	164.1	194.5	213.5	217.1	218.0	–
Women's handbags and purses (12/75=100)	3171	–	–	–	–	–	101.9	102.9	111.4	128.9	137.9	155.5	158.8	–
Flat glass (12/71=100)	3211	–	99.3	99.8	105.6	113.7	123.6	132.1	142.7	151.7	161.3	175.3	184.0	–
Glass containers	3221	131.4	135.1	138.9	155.5	179.6	195.4	214.1	244.3	261.1	292.6	328.6	355.4	–
Cement, hydraulic	3241	124.4	131.9	137.2	161.9	193.3	212.6	228.5	251.2	283.1	310.8	329.6	338.4	–
Brick and structural clay tile	3251	118.6	123.5	131.9	143.9	160.6	176.1	201.8	230.8	258.6	277.3	296.5	307.4	332.3
Ceramic wall and floor tile (12/75=100)	3253	–	–	–	–	–	105.8	108.0	107.7	117.2	122.5	133.4	140.6	146.0
Clay refractories	3255	128.7	130.7	138.6	145.3	168.8	188.3	203.4	221.4	242.1	273.6	310.2	352.8	355.6
Structural clay products, n.e.c.	3259	109.1	110.2	112.4	130.0	148.8	155.3	165.3	176.3	189.2	202.7	222.6	219.7	230.2
Vitreous plumbing fixtures	3261	112.4	115.8	121.0	134.9	147.1	159.3	174.2	189.7	207.4	234.8	254.9	265.0	278.1
Vitreous china food utensils	3262	132.4	138.5	146.9	170.8	197.1	213.1	233.3	268.8	295.2	317.3	335.0	357.8	382.4
Fine earthware food utensils	3263	125.5	139.4	143.2	155.6	189.4	195.9	209.5	228.1	245.0	295.5	309.1	318.2	366.5
Pottery products, n.e.c. (12/75=100)	3269	–	–	–	–	–	101.0	109.3	122.2	132.5	152.6	160.2	167.3	187.1
Concrete block and brick	3271	118.3	123.8	135.1	151.3	166.1	172.1	183.9	202.0	233.0	257.3	270.4	276.3	–
Ready-mix concrete	3273	122.4	127.5	133.0	152.8	171.3	183.2	195.6	217.6	248.2	279.9	298.7	304.7	–
Lime (12/75=100)	3274	–	–	–	–	–	111.4	117.6	129.5	141.0	157.7	172.5	186.3	185.7
Gypsum products	3275	109.5	114.7	120.9	137.7	144.4	154.8	183.9	229.5	252.8	256.7	256.9	256.2	–
Abrasive products (12/71=100)	3291	–	102.1	104.7	120.1	138.6	149.4	162.1	172.3	187.9	212.6	232.9	250.6	–
Nonclay refractories (12/74=100)	3297	–	–	–	–	102.4	113.5	123.4	133.6	145.6	161.2	185.3	201.8	205.2
Blast furnace and steel mills	3312	123.3	130.7	134.3	173.2	204.5	216.9	236.9	262.3	288.8	310.5	342.8	353.5	–
Electrometallurgical products (12/75=100)	3313	–	–	–	–	–	98.4	95.6	94.8	111.9	117.7	121.9	121.4	–
Steel wire drawing, etc	3315	120.4	128.0	135.7	182.7	212.1	–	–	–	–	–	–	–	–
Cold finishing of steel shapes	3316	124.1	130.3	132.3	162.4	183.6	198.2	220.6	241.0	265.5	284.0	316.2	325.5	–
Steel pipe and tube	3317	121.9	129.2	134.5	171.9	203.7	213.9	232.1	255.2	268.6	291.0	341.5	363.0	–
Gray iron foundries (12/68=100)	3321	115.8	117.9	125.9	154.1	183.9	211.8	218.9	233.5	255.8	282.5	299.7	311.4	–
Malleable iron foundries (12/73=100)	3222	–	–	–	116.6	135.3	–	–	–	–	–	–	–	–
Primary zinc	3333	113.3	124.0	150.1	253.9	261.8	256.5	240.2	223.2	265.7	270.5	326.3	286.0	–
Primary aluminum	3334	101.4	96.8	101.3	150.9	160.0	176.0	205.1	217.4	243.1	297.9	333.1	310.3	–
Primary nonferrous metals, n.e.c.	3339	112.1	120.9	164.4	278.0	277.0	–	–	–	–	–	–	–	–
Secondary nonferrous metals (12/71=100)	3341	–	102.6	126.5	196.5	172.1	–	–	–	–	–	–	–	–
Copper rolling and drawing	3351	119.1	124.5	141.0	181.8	152.1	164.8	164.8	170.2	213.2	227.5	212.3	195.2	–
Aluminum rolling and drawing (12/68=100)	3352	107.5	108.7	109.2	143.2	160.2	–	–	–	–	–	–	–	–
Aluminum sheet, plate, and foil (12/75=100)	3353	–	–	–	–	–	108.9	122.4	137.6	148.9	158.2	175.8	178.4	–
Aluminum extruded products (12/75=100)	3354	–	–	–	–	–	106.6	121.2	134.3	149.3	167.7	180.1	178.9	–
Aluminum rolling and drawing, n.e.c. (12/75=100)	3355	–	–	–	–	–	104.4	112.7	119.7	132.4	146.2	159.1	164.0	–

See footnotes at end of table.

Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967 = 100 unless otherwise indicated]

Industy	1972 SIC Code	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
MANUFACTURING INDUSTRIES—Continued														
Rolling, drawing, and extruding of metals, except copper and aluminum (12/71 = 100)	3356	–	102.3	110.0	139.6	167.3	–	–	–	–	–	–	–	–
Metal cans	3411	122.0	129.1	135.6	165.6	194.0	202.3	218.7	238.5	264.1	291.6	305.1	316.7	–
Hand and edge tools (12/67 = 100)	3423	121.1	126.5	131.6	151.4	178.9	–	–	–	–	–	–	–	–
Handsaws and saw blades (12/72 = 100)	3425	–	–	100.9	110.7	126.1	130.6	137.7	147.9	163.3	182.1	201.4	219.1	–
Metal plumbing fixtures	3431	114.2	119.0	125.2	149.8	174.7	185.2	196.1	209.1	224.8	248.3	265.5	276.0	–
Bolts, nuts, rivets, and washers (12/73 = 100)	3452	–	–	–	120.7	140.2	–	–	–	–	–	–	–	–
Automotive stamping (12/75 = 100)	3465	–	–	–	–	–	104.3	110.0	118.8	128.5	136.9	146.0	145.2	–
Small arms ammunition (12/75 = 100)	3482	–	–	–	–	–	102.3	110.8	119.5	132.2	145.6	159.0	164.2	180.5
Metal barrels, drums, and pails (12/73 = 100)	3491	–	–	–	–	–	–	–	–	–	–	–	–	–
Steel springs, except wire	3493	111.8	118.8	121.5	136.0	158.9	176.3	189.3	204.6	219.8	230.3	245.9	254.5	–
Valves and pipe fittings (12/71 = 100)	3494	–	100.7	104.9	132.1	156.2	–	172.8	185.5	204.8	230.0	248.9	260.7	–
Collapsible tubes	3496	119.2	121.8	127.0	145.2	157.1	–	–	–	–	–	–	–	–
Fabricated pipe and fittings	3498	133.1	136.7	143.5	181.6	222.9	236.5	245.2	265.5	289.2	315.5	361.3	382.8	–
Internal combustion engines, n.e.c.	3519	117.9	121.2	124.0	140.8	167.4	182.1	197.0	220.1	243.3	275.4	311.9	340.7	–
Construction machinery (12/76 = 100)	3531	–	–	–	–	–	–	104.5	114.0	125.1	141.1	156.8	165.4	–
Mining machinery and equipment (12/72 = 100)	3532	–	–	–	–	–	–	–	–	–	–	–	–	–
Oilfield machinery and equipment	3533	123.5	128.1	133.4	159.6	200.5	222.1	240.5	264.2	291.6	338.1	395.8	436.6	–
Elevators and moving stairways	3534	121.2	122.1	123.5	141.0	169.8	–	191.0	204.2	215.9	239.3	253.9	273.6	–
Conveyors and conveying equipment (12/71 = 100)	3535	–	101.7	104.3	117.2	132.8	–	–	–	–	–	–	–	–
Hoist industrial cranes, and monorail systems (12/74 = 100)	3536	–	–	–	–	109.4	–	–	–	–	–	–	–	–
Industrial trucks and tractors	3537	120.[illegible]	123.7	128.0	144.4	169.6	–	–	–	–	–	–	–	–
Metal cutting machine tools (12/71 = 100)	3541	–	102.0	108.5	128.4	148.4	–	–	–	–	–	–	–	–
Metal forming machine tools (12/71 = 100)	3542	–	101.7	108.5	131.4	156.8	173.6	189.6	213.6	242.8	279.5	306.9	328.3	–
Machine tool accessories and measuring devices (12/74 = 100)	3545	–	–	–	–	102.9	–	–	–	–	–	–	–	–
Power-driven handtools (12/76 = 100)	3546	–	–	–	–	–	–	104.2	111.1	119.3	132.2	147.3	156.5	–
Textile machinery (12/69 = 100)	3552	108.9	111.5	116.0	129.2	146.4	157.3	169.3	179.9	194.7	216.6	243.5	258.1	–
Woodworking machinery (12/72 = 100)	3553	–	–	101.9	114.9	133.3	145.4	155.7	168.1	185.4	212.5	225.0	232.4	–
Printing trades machinery and equipment (12/72 = 100)	3555	–	–	103.6	115.2	129.2	–	–	–	–	–	–	–	–
Ball and roller bearings	3562	114.2	117.0	120.8	139.3	162.2	–	–	–	–	–	–	–	–
Typewriters	3572	103.4	104.5	106.3	112.8	121.5	–	–	–	–	–	–	–	–
Scales and balances, except laboratory	3576	115.2	118.1	121.7	135.2	151.4	159.5	167.7	179.7	194.2	215.0	226.2	230.6	–
Carburetors, pistons, piston rings, and valves (6/76 = 100)	3592	–	–	–	–	–	–	110.1	128.2	139.6	156.6	178.0	194.7	–
Transformers	3612	96.8	95.1	98.5	117.7	138.0	142.2	150.2	158.3	168.1	185.0	209.9	223.7	–
Switchgear and switchboards	3613	113.3	111.7	114.1	135.3	159.8	–	–	–	–	–	–	–	–
Electric welding apparatus (12/72 = 100)	3623	–	–	103.6	134.9	168.1	160.8	169.1	178.1	192.2	209.9	227.5	239.6	243.6
Carbon and graphite products (12/67 = 100)	3624	113.3	113.9	119.4	143.3	188.5	–	–	–	–	–	–	–	–
Household cooking equipment (12/75 = 100)	3631	–	–	–	–	–	103.9	109.9	114.8	122.2	133.1	141.2	148.8	–
Household refrigeration and home and farm freezers (6/76 = 100)	3632	–	–	–	–	–	–	104.3	109.6	113.6	121.4	132.8	143.9	–
Household laundry equipment (12/73 = 100)	3633	–	–	–	106.2	119.7	129.6	135.1	141.0	148.8	162.0	174.3	187.7	–
Electric housewares and fans (12/71 = 100)	3634	–	99.6	100.1	107.8	116.7	–	–	–	–	–	–	–	–
Household vacuum cleaners	3635	100.3	101.7	100.6	107.8	116.2	123.9	128.7	135.5	141.7	154.4	159.1	165.6	–
Sewing machines (12/75 = 100)	3636	–	–	–	–	–	100.1	102.6	111.2	121.4	129.1	146.8	154.6	156.2
Electric lamps	3641	113.7	117.2	120.2	134.0	165.5	178.1	193.6	214.7	235.2	260.3	277.3	294.0	320.8
Lighting fixtures (12/71 = 100)	3642	–	101.8	103.8	121.1	134.5	–	–	–	–	–	–	–	–
Noncurrent-carrying wiring devices (12/72 = 100)	3644	–	–	103.0	134.6	160.2	158.0	166.0	185.8	204.6	219.7	249.6	260.8	–
Commercial lighting fixtures (12/75 = 100)	3646	–	–	–	–	–	102.2	106.0	112.7	126.5	139.3	154.8	165.0	–
Lighting equipment, n.e.c. (12/75 = 100)	3648	–	–	–	–	–	101.8	107.8	114.6	126.0	139.9	155.9	170.0	172.8

See footnotes at end of table.

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Table 114. Industry-sector indexes for the output of selected industries, 1959-83—Continued

[1967 = 100 unless otherwise indicated]

Industy	1972 SIC Code	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
MANUFACTURING INDUSTRIES—Continued														
Phonograph records	3652	112.2	112.2	115.2	121.3	132.5	–	–	–	–	–	–	–	–
Electron tubes, receiving type	3671	132.2	142.0	144.2	149.4	162.1	171.1	181.2	200.9	220.4	251.8	309.7	382.1	435.4
Cathode ray picture tubes	3672	80.7	83.6	84.2	86.2	86.5	–	–	–	–	–	–	–	–
Electron tubes, transmitting	3673	111.7	113.4	115.6	121.6	132.0	–	–	–	–	–	–	–	–
Semiconductors and related devices	3674	93.6	91.8	92.4	99.4	102.0	96.7	91.0	85.3	84.8	90.7	90.9	89.2	–
Electronic capacitors (12/75 = 100)	3675	–	–	–	–	–	101.8	106.7	111.5	125.2	162.7	170.3	166.4	–
Electronic resistors (12/75 = 100)	3676	–	–	–	–	–	103.0	110.6	118.3	124.4	134.2	141.4	145.0	–
Electronic connectors (12/75 = 100)	3678	–	–	–	–	–	101.6	108.9	118.9	131.7	148.1	154.9	158.8	–
Primary batteries, dry and wet	3692	118.9	123.2	123.9	128.6	151.3	158.5	161.2	162.0	170.1	176.5	182.2	194.0	–
X-ray equipment, apparatus, and tubes (12/67 = 100)	3693	128.3	132.4	129.8	143.5	167.6	–	–	–	–	–	–	–	–
Motor vehicles and passenger car bodies (12/75 = 100)	3711	–	–	–	–	–	101.8	108.4	115.9	125.1	136.7	150.3	158.3	–
Motor vehicles and parts	3717	116.5	119.8	121.2	133.1	152.7	–	–	–	–	–	–	–	–
Electric measuring instruments and test equipment (12/71 = 100)	3825	–	100.5	100.7	108.2	121.4	–	–	–	–	–	–	–	–
Photographic equipment (12/71 = 100)	3861	–	100.3	102.2	110.7	124.4	–	–	–	–	–	–	–	–
Dolls (12/75 = 100)	3942	–	–	–	–	–	96.0	99.3	103.2	110.8	127.4	131.3	136.7	137.5
Games, toys, and children's vehicles, except dolls and bicycles	3944	112.6	115.4	118.4	137.1	152.3	156.2	161.2	172.3	182.7	205.2	221.3	234.0	238.7
Carbon paper and inked ribbons (12/75 = 100)	3955	–	–	–	–	–	100.4	102.5	105.1	118.6	132.8	138.5	140.0	139.2
Burial caskets (6/76 = 100)	3995	–	–	–	–	–	–	105.4	113.0	122.5	131.2	139.5	148.4	153.5
Hard surface floor coverings (12/75 = 100)	3996	–	–	–	–	–	104.3	110.1	116.3	126.3	143.7	151.8	155.9	161.5

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[1] This industry has been reclassified and reweighted since the basis of pricing has been changed from list quotations to transaction prices reported directly by chemical companies.

NOTE: For a description of the series, see *BLS Handbook of Methods*, Bulletin 1910, ch. 15. See also, "Industry and Sector Price Indexes," *Monthly Labor Review*, August 1965, pp. 974-82.

The following shows 1963 SIC Codes recoded to 1972 SIC Codes:

1963 Codes	1972 Codes
2015	2016
2073	2067
2091	2074
2092	2075
2094	2077
2096	2079
2031	2091
2036	2092
2871	2874
2872	2975
31414	3144
3611	3825
3941	3944

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Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1975				1976				1977			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
All commodities (9/83=100)		–	–	–	–	–	–	–	–	–	–	–	–
Food (3/83=100)[2]	0	–	–	–	–	–	–	–	–	–	–	–	–
Meat (3/83=100)	01	–	–	–	–	–	–	–	–	–	–	–	–
Fish (3/83=100)	03	–	–	–	–	–	–	–	–	–	–	–	–
Grain and grain preparations (3/80=100)[2]	04	–	–	–	–	–	–	–	–	–	–	–	–
Wheat (3/80=100)	041	–	–	–	–	–	–	–	–	–	–	–	–
Hard amber durum wheat (3/80=100), fob vessel	0411	–	–	–	–	–	–	–	–	–	–	–	–
Hard winter ordinary wheat (3/80=100), fob vessel	04121	–	–	–	–	–	–	–	–	–	–	–	–
Soft red winter wheat (3/80=100), fob vessel	04122	–	–	–	–	–	–	–	–	–	–	–	–
Dark northern spring wheat (3/80=100), fob vessel	04123	–	–	–	–	–	–	–	–	–	–	–	–
Western white wheat (3/80=100), fob vessel	04124	–	–	–	–	–	–	–	–	–	–	–	–
Rice (12/83=100)	042	–	–	–	–	–	–	–	–	–	–	–	–
Barley (3/80=100), fob vessel	0430	–	–	–	–	–	–	–	–	–	–	–	–
Yellow corn (3/80=100), fob vessel	0440	–	–	–	–	–	–	–	–	–	–	–	–
Grain, other:	045	–	–	–	–	–	–	–	–	–	–	–	–
Yellow sorghum (3/80=100), fob vessel[3]	04592	–	–	–	–	–	–	–	–	–	–	–	–
Vegetables and fruit (3/83=100)[2]	05	–	–	–	–	–	–	–	–	–	–	–	–
Fruits and nuts (not including oil nuts) fresh or dried (12/83=100)	057	–	–	–	–	–	–	–	–	–	–	–	–
Edible nuts, fas	0577	–	–	–	–	–	–	–	–	–	100.0	100.9	105.5
Fruit, preserved[2]	058	–	–	–	–	–	–	–	–	–	–	–	–
Feed stuff for animals (3/83=100)[2]	08	–	–	–	–	–	–	–	–	–	–	–	–
Vegetable oil-cake extracts and residues (6/83=100), fas	0813	–	–	–	–	–	–	–	–	–	–	–	–
Food wastes, prepared animal feeds (6/78=100), fas	0819	–	–	–	–	–	–	–	–	–	–	–	–
Misc. food products (3/83=100)	09	–	–	–	–	–	–	–	–	–	–	–	–
Beverages and tobacco (6/83=100)	1	–	–	–	–	–	–	–	–	–	–	–	–
Beverages (9/83=100)	11	–	–	–	–	–	–	–	–	–	–	–	–
Tobacco and tobacco products (6/83=100)	12	–	–	–	–	–	–	–	–	–	–	–	–
Unmanufactured tobacco (9/83=100), fas	121	–	–	–	–	–	–	–	–	–	–	–	–
Crude materials[2]	2	–	–	–	–	–	–	–	–	–	–	–	–
Raw hides and skins (6/80=100)	21	–	–	–	–	–	–	–	–	–	–	–	–
Hides	211	59.4	68.7	66.3	78.1	96.5	101.4	109.4	87.8	103.4	100.0	98.5	101.7
Raw furskins (6/80=100)	212	–	–	–	–	–	–	–	–	–	–	–	–
Oilseeds and oleaginous fruit (9/77=100)[2]	22	–	–	–	–	–	–	–	–	–	–	100.0	78.0
Soybeans (3/80=100), fob vessel[3]	2222	–	–	–	–	–	–	–	–	–	–	–	–
Crude rubber (including synthetic and reclaimed (9/83=100)[2]	23	–	–	–	–	–	–	–	–	–	–	–	–
Synthetic crude rubber (9/83=100), fas	233	–	–	–	–	–	–	–	–	–	–	–	–
Wood[2]	24	–	–	–	–	–	–	–	–	–	100.0	101.7	101.2
Wood in the rough other than fuelwood, Hardwood and softwood lumber, railway	247	–	–	–	–	–	–	–	–	–	–	–	–
Hardwood and softwood lumber, railway ties, (12/83=100)[2]	248	–	–	–	–	–	–	–	–	–	–	–	–
Logs, sawn lengthwise, fas	24821	–	–	–	–	–	95.4	97.8	100.1	100.6	100.0	105.3	98.4
Non-conifer lumber (hardwood) (9/83=100), fas	2483	–	–	–	–	–	–	–	–	–	–	–	–
Pulp and waste paper (6/83=100)	25	–	–	–	–	–	–	–	–	–	–	–	–
Sulphate wood pulp (9/83=100), fas	2517	–	–	–	–	–	–	–	–	–	–	–	–
Textile fibers[2]	26	–	–	–	–	–	–	–	–	112.7	100.0	84.5	82.4
Cotton[2]	263	–	–	–	–	–	–	–	–	116.8	100.0	80.1	78.1
Raw cotton, fas	2631	69.4	69.8	75.2	80.8	88.6	101.1	109.0	115.9	117.0	100.0	79.9	77.9
Crude fertilizers and minerals[2]	27	–	–	–	–	–	–	–	–	–	100.0	97.4	98.1
Crude fertilizers[2]	271	–	–	–	–	–	–	–	–	–	100.0	92.3	93.4
Phosphates, fas	2713	–	–	–	–	–	–	113.5	109.0	99.7	100.0	92.3	93.4
Metalliferous ores and metal scrap	28	–	–	–	–	–	–	–	–	–	–	–	–
Scrap metal of iron or steel (6/77=100), fas	282	–	–	–	–	–	–	–	–	–	100.0	86.0	82.1
Ores and concentrates of base metals, n.e.s. (9/83=100), fas	287	–	–	–	–	–	–	–	–	–	–	–	–
Nonferrous base metal waste and scrap, n.e.s. (3/83=100)	288	–	–	–	–	–	–	–	–	–	–	–	–
Mineral fuels[2]	3	–	–	–	–	–	–	–	–	–	–	–	–
Bituminous coal (6/81=100), fas	3222	–	–	–	–	–	–	–	–	–	–	–	–
Lubricating oils (9/83=100), fas	3345	–	–	–	–	–	–	–	–	–	–	–	–
Petroleum coke, tars, and mineral waxes (12/83=100)[2]	335	–	–	–	–	–	–	–	–	–	–	–	–
Natural gas (9/83=100), fas[3]	3414	–	–	–	–	–	–	–	–	–	–	–	–
Animal and vegetable oils, fats and waxes[2]	4	–	–	–	–	–	–	–	–	–	–	–	–
Animal oils and fats (6/83=100), fas	411	–	–	–	–	–	–	–	–	–	–	–	–
Fixed vegetable oils and fats (6/83=100)	42	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1975				1976				1977			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Fixed vegetable oils (soft) (9/83=100)	423	-	-	-	-	-	-	-	-	-	-	-	-
Soyabean oil (9/83=100), fas	4232	-	-	-	-	-	-	-	-	-	-	-	-
Chemicals (3/83=100)[2]	5	-	-	-	-	-	-	-	-	-	-	-	-
Hydrocarbons, n.e.s. and their derivatives (12/78=100), fas	511	-	-	-	-	-	-	-	-	-	-	-	-
Alcohols, phenols, phenol-alcohols, and their derivatives, fas	512	107.2	101.2	104.5	99.7	99.2	101.8	99.9	97.6	99.0	100.0	102.5	96.3
Carboxylic acids, and their anhydrides halides, peroxides and peracids, and their derivatives, fas	513	-	-	-	-	-	-	-	-	-	100.0	98.4	97.4
Other inorganic chemicals, organic and inorganic compounds of precious metals (9/83=100), fas	523	-	-	-	-	-	-	-	-	-	-	-	-
Polymerization and copolymerization products (9/83=100), fas	583	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous chemical products, n.e.s.[2]	59	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous chemical products, n.e.s. (9/83=100) gsd	598	-	-	-	-	-	-	-	-	-	-	-	-
Intermediate manufactured products (9/81=100) [2]	6	-	-	-	-	-	-	-	-	-	-	-	-
Leather and furskins (9/79=100)	61	-	-	-	-	-	-	-	-	-	-	-	-
Rubber manufactures [2]	62	-	-	-	-	-	-	-	-	-	100.0	100.5	100.7
Tires and tubes (6/79=100), fas	625	-	-	-	-	-	-	-	-	-	-	-	-
Articles of rubber, fas	628	-	-	-	-	95.0	95.2	95.1	95.9	97.6	100.0	100.8	101.4
Paper and paperboard products (6/78=100)[2]	64	-	-	-	-	-	-	-	-	-	-	-	-
Paper and paperboard (12/78=100)[2]	641	-	-	-	-	-	-	-	-	-	-	-	-
Printing and writing paper (3/81=100), fas	6412	-	-	-	-	-	-	-	-	-	-	-	-
Kraft paper and paperboard, fas	6413	-	-	-	-	117.3	118.1	113.4	106.8	105.7	100.0	98.0	97.2
Paper and paperboard, fas	6415	-	-	-	-	91.2	93.6	94.5	95.1	96.6	100.0	100.0	100.1
Textile fabrics and related products:	65	-	-	-	-	-	-	-	-	-	-	-	-
Man-made woven fabric (12/78=100), fas	653	-	-	-	-	-	-	-	-	-	-	-	-
Non-metallic mineral manufactures:	66	-	-	-	-	-	-	-	-	-	-	-	-
Glassware	665	-	-	-	-	-	-	-	-	-	100.0	101.5	101.7
Iron and steel (3/82=100)[2]	67	-	-	-	-	-	-	-	-	-	-	-	-
Hoop and strip, of iron or steel, fas	6750	-	-	-	-	92.1	93.4	95.0	96.5	96.4	100.0	101.7	101.8
Tube and pipe fittings of iron or steel, fob fac	6785	80.1	80.1	80.5	81.2	81.5	82.4	83.5	83.6	84.3	100.0	100.1	101.6
Non-ferrous metals (9/81=100)[2]	68	-	-	-	-	-	-	-	-	-	-	-	-
Silver, platinum and other metals of the platinum group (9/81=100), fas	681	-	-	-	-	-	-	-	-	-	-	-	-
Copper (6/79=100)[2]	682	-	-	-	-	-	-	-	-	-	-	-	-
Copper and copper alloys, worked, fas	6822	-	101.4	102.1	102.9	102.1	102.0	101.9	100.5	101.2	100.0	98.5	98.0
Nickel (6/79=100), fas	683	-	-	-	-	-	-	-	-	-	-	-	-
Aluminum (9/81=100)	684	-	-	-	-	-	-	-	-	-	-	-	-
Metal manufactures, n.e.s. (3/82=100)[2]	69	-	-	-	-	-	-	-	-	-	-	-	-
Containers of iron, steel or aluminum, used for moving or packing goods, fas	6924	91.2	90.4	90.4	90.4	92.3	92.6	93.7	94.8	98.6	100.0	103.8	105.5
Metal, fasteners, fas	694	95.2	95.8	95.8	95.8	97.4	97.6	98.2	98.8	99.3	100.0	100.3	94.8
Tools for use in hand or machines[2]	695	-	-	-	-	90.0	90.1	92.3	96.2	97.3	100.0	101.5	106.0
Other tools for use in hand	6953	-	-	-	-	-	-	-	-	-	100.0	101.2	102.7
Manufactures of base metal, n.e.s.:	699	-	-	-	-	-	-	-	-	-	-	-	-
Locksmiths' wares, safes, etc. and hardware n.e.s., of base metal, fob fac	6991	-	-	-	-	-	-	-	-	-	100.0	103.1	106.0
Articles of iron or steel, n.e.s. fas	6997	-	-	-	-	-	-	-	-	-	100.0	100.7	101.6
Machinery and transport equipment, excluding military and commercial aircraft (12/78=100)[3]	7	-	-	-	-	-	-	-	-	-	-	-	-
Power generating machinery and equipment (12/78=100) [2]	71	-	-	-	-	-	-	-	-	-	-	-	-
Internal combustion piston engines, parts (12/78=100)[2]	713	-	-	-	-	-	-	-	-	-	-	-	-
Parts of internal combustion piston engines, fas	7139	91.6	91.7	93.9	94.7	97.1	96.3	97.5	97.6	98.9	100.0	105.6	106.3
Electric motors, generators, and other rotating plant, fob fac	716	89.5	92.4	93.9	90.3	90.6	92.9	96.0	96.9	100.9	100.0	101.8	101.6
Machinery specialized for particular industries (9/78=100) [2]	72	-	-	-	-	-	-	-	-	-	-	-	-
Agricultural machinery (excl. tractors) and parts (9/78=100) [2]	721	-	-	-	-	-	-	-	-	-	-	-	-
Agric. machinery for preparing and cultivating the soil (6/78=100), fob fac	7211	-	-	-	-	-	-	-	-	-	-	-	-
Harvesting and threshing machinery, agric. produce graders and parts, fob fac	7212	-	-	-	-	-	-	-	-	-	100.0	100.5	104.5
Tractors fitted or not with power takeoffs, winches or pulleys, fob fac	722	-	-	-	-	-	-	-	-	-	100.0	101.5	105.8
Civil engineering and contractors' plant and equipment and parts [2]	723	-	-	-	-	-	-	-	-	-	100.0	101.9	106.1

See footnotes at end of table.

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Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1975				1976				1977			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Construction and mining machinery, n.e.s.	7234	–	–	–	–	90.9	92.5	93.2	97.7	99.0	100.0	100.6	106.1
Parts, n.e.s., of construction machinery	7239	82.4	83.7	84.8	86.9	89.7	89.7	91.3	95.7	98.6	100.0	102.3	106.1
Textile and leather machinery and parts (3/79=100)[2]	724	–	–	–	–	–	–	–	–	–	–	–	–
Textile machinery, excl. 72449, 72454, and 7246 (6/79=100), fob fac[3]	724	–	–	–	–	–	–	–	–	–	–	–	–
Textile finishing machinery and parts, n.e.s. (6/79=100), fob fac	7247	–	–	–	–	–	–	–	–	–	–	–	–
Printing and bookbinding machines and parts, n.e.s. (9/78=100), fob fac	726	–	–	–	–	–	–	–	–	–	–	–	–
Machinery specialized for particular industries, n.e.s. fob fac[2]	728	89.3	90.3	90.9	92.6	93.6	96.8	98.0	99.1	99.5	100.0	100.4	102.4
Machinery and mechanical appliances, n.e.s. (6/80=100), fob fac	7284	–	–	–	–	–	–	–	–	–	–	–	–
Metalworking machinery (6/78=100)[2]	73	–	–	–	–	–	–	–	–	–	–	–	–
Metalworking machine tools and parts (6/78=100), fob fac	736	–	–	–	–	–	–	–	–	–	–	–	–
General industrial machines and parts, n.e.s. (9/78=100)[2]	74	–	–	–	–	–	–	–	–	–	–	–	–
Heating and cooling equip. and parts, n.e.s. (6/78=100), fob fac	741	–	–	–	–	–	–	–	–	–	–	–	–
Cooling equipment and parts, n.e.s., fob fac[3]	741	90.8	92.8	93.3	94.7	95.5	94.8	96.7	98.1	98.8	100.0	102.1	103.7
Heating equipment and parts, n.e.s. (6/78=100), fob fac[3]	741	–	–	–	–	–	–	–	–	–	–	–	–
Pumps for liquids, and parts, n.e.s. (6/78=100), fob fac	742	–	–	–	–	–	–	–	–	–	–	–	–
Air pumps, compressors, blowers, centrifuges, filtering apparatus and parts, n.e.s. (6/78=100), fob fac	743	–	–	–	–	–	–	–	–	–	–	–	–
Centrifuges and filtering apparatus (6/81=100)[3]	743	–	–	–	–	–	–	–	–	–	–	–	–
Mechanical handling equipment (6/78=100), fob fac[2]	744	–	–	–	–	–	–	–	–	–	–	–	–
Powered industrial trucks (6/78=100), fob fac	7441	–	–	–	–	–	–	–	–	–	–	–	–
Other non-elec. machinery, tools, and mechanical apparatus and parts, n.e.s. (12/80=100)[2]	745	–	–	–	–	–	–	–	–	–	–	–	–
Motorized non-electric hand tools (6/78=100), fob fac	7451	–	–	–	–	–	–	–	–	–	–	–	–
Packaging, weighing and similar non-electric machinery and parts, n.e.s., fob fac	7452	–	–	–	–	–	–	–	–	–	100.0	101.8	102.6
Non-electric parts and accessories of machinery, n.e.s. (6/79=100)[2]	749	–	–	–	–	–	–	–	–	–	–	–	–
Ball, rolr and needle roller bearings, fas	7491	–	–	–	–	–	–	–	–	–	100.0	100.0	101.2
Taps, cocks, valves, and similar appliances for liquid flow control, fob fac	7492	–	–	–	–	–	–	–	–	–	100.0	100.4	102.1
Clutches and transmission devices (3/79=100), fob fac	7493	–	–	–	–	–	–	–	–	–	–	–	–
Office machines and automatic data processing equipment[2]	75	–	–	–	–	–	–	–	–	–	100.0	99.4	100.5
Automatic data processing machines and units, fob fac	752	–	–	–	–	–	–	–	–	–	100.0	98.8	99.0
Parts, n.e.s. and accessories suitable for use with machines in 751 or 752 (6/78=100), fob fac	759	–	–	–	–	–	–	–	–	–	–	–	–
Telecommunications, sound recording and reproducing equipment[2]	76	–	–	–	97.5	98.2	98.3	99.8	99.5	99.7	100.0	101.2	102.9
Telecommunications equipment, n.e.s., parts and accessories for equipment in 76 fob fac	764	–	–	–	–	–	–	–	–	–	100.0	101.2	103.4
Electric machinery and equipment[2]	77	134.2	136.5	133.1	117.2	133.7	135.3	130.4	104.4	102.1	100.0	97.9	93.1
Transformers, rectifiers, and other non-rotating power machinery	771	91.2	91.6	92.7	93.2	94.6	95.6	95.5	97.5	99.6	100.0	101.5	101.0
Electrical apparatus for making, breaking and protecting electric circuits, fob fac	772	90.7	92.1	91.7	91.6	92.1	96.0	98.0	97.9	98.9	100.0	103.2	103.8
Electrical apparatus for medical and radiological equipment:	774	–	–	–	–	–	–	–	–	–	–	–	–
Electric medical apparatus except radiological apparatus (12/80=100), fob fac	7741	–	–	–	–	–	–	–	–	–	–	–	–
Household appliances, fob fac[2]	775	92.1	93.5	93.9	94.5	95.4	96.1	97.0	97.4	98.8	100.0	102.0	102.4
Miscellaneous electromechanical household appliances, fob fac	7757	93.9	94.1	93.9	93.9	95.0	96.1	96.3	96.4	98.2	100.0	101.2	101.6
Electro-thermic appliances (6/80=100), fob fac	7758	–	–	–	–	–	–	–	–	–	–	–	–
Electronic components including tubes and semiconductor diodes, transistors and integrated circuits, fob fac[2]	776	177.9	180.3	172.9	140.4	173.6	175.1	164.3	111.6	105.2	100.0	95.2	84.9
Diodes, transistors, and similar semiconductor devices and photocells, fob fac	7763	97.5	105.9	105.1	108.1	108.9	109.6	106.1	98.2	99.9	100.0	101.8	99.3
Electronic microcircuits including integrated circuits, fob fac	7764	197.2	198.8	190.0	150.9	190.5	192.2	178.8	112.5	104.0	100.0	93.1	80.2
Other electric equipment[2]	778	87.8	91.3	92.5	92.8	94.0	95.9	96.0	95.5	99.1	100.0	98.3	98.8
Automotive electrical equipment, fob fac	7783	–	–	–	–	–	–	92.0	92.0	97.5	100.0	104.3	106.0

See footnotes at end of table.

Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1975				1976				1977			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Electrical starting and ignition equipment for internal combustion engines, fob fac	77831	85.0	84.8	89.4	89.2	90.5	92.8	92.0	92.0	97.5	100.0	104.3	106.0
Electromechanical tools, fas	7784	81.8	81.8	83.5	83.7	88.4	89.9	90.1	90.1	99.8	100.0	100.1	100.4
Miscellaneous electrical machinery and parts, fob fac	7788	89.1	94.4	94.9	95.3	96.3	97.1	97.4	96.5	100.3	100.0	96.0	96.6
Road vehicles and parts (3/80=100)[2]	78	-	-	-	-	-	-	-	-	-	-	-	-
Passenger automobiles (3/81=100), fas	7810	-	-	-	-	-	-	-	-	-	-	-	-
Parts and accessories for road vehicles, fas	784	90.2	90.1	90.6	91.7	92.2	95.8	96.7	97.9	98.9	100.0	107.5	108.3
Other transport equipment, excl. military and commercial aircraft [3]	79	-	-	-	-	-	-	-	-	-	100.0	101.3	103.1
General aviation aircraft and helicopters, faf [3]	792	84.3	85.5	87.4	90.5	91.5	92.4	93.3	96.5	99.0	100.0	100.8	103.5
Parts for aircraft and spacecraft, fob fac	7929	83.8	87.4	88.0	90.0	91.6	91.8	91.9	91.9	94.1	100.0	100.1	102.1
Other manufactured articles [2]	8	-	-	-	-	-	-	-	-	-	-	-	-
Lighting fixtures (9/83=100), fob fac	8124	-	-	-	-	-	-	-	-	-	-	-	-
Furniture and parts (9/83=100), fas	821	-	-	-	-	-	-	-	-	-	-	-	-
Apparel (9/83=100)	84	-	-	-	-	-	-	-	-	-	-	-	-
Knitted undergarments (9/83=100), fas	846	-	-	-	-	-	-	-	-	-	-	-	-
Professional, scientific and controlling instruments and apparatus [2]	87	-	-	-	-	-	-	-	-	-	100.0	100.8	102.0
Medical instruments and appliances (6/78=100), fob fac	872	-	-	-	-	-	-	-	-	-	-	-	-
Measuring, checking, analysing and controlling instruments and apparatus[2]	874	-	-	-	-	-	-	-	-	-	100.0	100.9	102.0
Non-electrical instruments for measuring or controlling flow, depth, pressure of liquids, gases or temperature, fob fac	8743	85.0	88.8	89.8	92.2	93.7	93.7	95.0	95.8	97.6	100.0	101.9	102.9
Electrical or electronic measuring, analysing, or controlling instruments, fob fac	8748	91.0	93.0	93.3	93.8	94.6	95.6	96.4	96.6	98.9	100.0	100.8	101.9
Photographic apparatus and supplies, optical goods, watches and clocks (12/77=100)	88	-	-	-	-	-	-	-	-	-	-	-	100.0
Photographic apparatus and equipment (6/83=100), fas	881	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous manufactured articles, n.e.s.	89	-	-	-	-	-	-	-	-	-	-	-	-
Plastic packaging materials and other articles of plastic (3/81=100), fas	893	-	-	-	-	-	-	-	-	-	-	-	-
Toys, games and sporting goods (6/81=100)[2]	894	-	-	-	-	-	-	-	-	-	-	-	-
Toys and games (3/81=100), fob fac	8942	-	-	-	-	-	-	-	-	-	-	-	-
Sporting goods (6/81=100), fob fac	8947	-	-	-	-	-	-	-	-	-	-	-	-
Office and stationery supplies, n.e.s. (3/81=100)[2]	895	-	-	-	-	-	-	-	-	-	-	-	-
Pens, pencils and fountain pens, fas (9/81=100)	8952	-	-	-	-	-	-	-	-	-	-	-	-
Musical instruments and accessories; record blanks and phonograph records (3/81=100)	898	-	-	-	-	-	-	-	-	-	-	-	-
Musical instruments (6/81=100)[3]	898	-	-	-	-	-	-	-	-	-	-	-	-
Gold, non-monetary (9/83=100), fas	971	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1978				1979				1980			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
All commodities (9/83=100)		-	-	-	-	-	-	-	-	-	-	-	-
Food (3/83=100)[2]	0	-	-	-	-	-	-	-	-	-	-	-	-
Meat (3/83=100)	01	-	-	-	-	-	-	-	-	-	-	-	-
Fish (3/83=100)	03	-	-	-	-	-	-	-	-	-	-	-	-
Grain and grain preparations (3/80=100)[2]	04	-	-	-	-	-	-	-	-	100.0	93.9	116.2	121.8
Wheat (3/80=100)	041	-	-	-	-	-	-	-	-	100.0	92.3	104.7	112.9
Hard amber durum wheat (3/80=100), fob vessel	0411	-	-	-	-	-	-	-	-	100.0	108.4	138.5	130.5
Hard winter ordinary wheat (3/80=100), fob vessel	04121	-	-	-	-	-	-	-	-	100.0	90.8	102.5	111.1
Soft red winter wheat (3/80=100), fob vessel	04122	-	-	-	-	-	-	-	-	100.0	86.3	103.5	112.4
Dark northern spring wheat (3/80=100), fob vessel	04123	-	-	-	-	-	-	-	-	100.0	100.1	111.5	116.2
Western white wheat (3/80=100), fob vessel	04124	-	-	-	-	-	-	-	-	100.0	91.5	95.1	109.7
Rice (12/83=100)	042	-	-	-	-	-	-	-	-	-	-	-	-
Barley (3/80=100), fob vessel	0430	-	-	-	-	-	-	-	-	100.0	94.2	111.5	142.5
Yellow corn (3/80=100), fob vessel	0440	-	-	-	-	-	-	-	-	100.0	95.6	128.7	128.9
Grain, other:	045	-	-	-	-	-	-	-	-	-	-	-	-
Yellow sorghum (3/80=100), fob vessel[3]	04592	-	-	-	-	-	-	-	-	100.0	97.0	123.6	127.4
Vegetables and fruit (3/83=100)[2]	05	-	-	-	-	-	-	-	-	-	-	-	-
Fruits and nuts (not including oil nuts) fresh or dried (12/83=100)	057	-	-	-	-	-	-	-	-	-	-	-	-
Edible nuts, fas	0577	113.7	116.5	145.2	162.9	165.6	190.6	159.2	156.2	164.9	160.4	156.6	154.3
Fruit, preserved[2]	058	-	-	-	-	-	-	-	-	-	-	-	-
Feed stuff for animals (3/83=100)[2]	08	-	-	-	-	-	-	-	-	-	-	-	-
Vegetable oil-cake extracts and residues (6/83=100), fas	0813	-	-	-	-	-	-	-	-	-	-	-	-
Food wastes, prepared animal feeds (6/78=100), fas	0819	-	100.0	103.0	112.8	119.1	125.4	122.4	129.2	123.6	118.3	129.8	140.4
Misc. food products (3/83=100)	09	-	-	-	-	-	-	-	-	-	-	-	-
Beverages and tobacco (6/83=100)	1	-	-	-	-	-	-	-	-	-	-	-	-
Beverages (9/83=100)	11	-	-	-	-	-	-	-	-	-	-	-	-
Tobacco and tobacco products (6/83=100)	12	-	-	-	-	-	-	-	-	-	-	-	-
Unmanufactured tobacco (9/83=100), fas	121	-	-	-	-	-	-	-	-	-	-	-	-
Crude materials[2]	2	-	-	-	-	-	-	-	-	-	-	-	-
Raw hides and skins (6/80=100)	21	-	-	-	-	-	-	-	-	-	100.0	118.6	132.1
Hides	211	111.6	119.1	153.8	156.3	219.9	246.0	191.4	164.6	133.3	101.1	129.1	149.5
Raw furskins (6/80=100)	212	-	-	-	-	-	-	-	-	-	100.0	100.8	100.9
Oilseeds and oleaginous fruit (9/77=100)[2]	22	81.3	85.4	81.6	77.9	92.6	94.8	91.2	78.8	79.6	74.0	98.4	103.3
Soybeans (3/80=100), fob vessel[3]	2222	-	-	-	-	-	-	-	-	100.0	93.4	125.3	131.6
Crude rubber (including synthetic and reclaimed (9/83=100)[2]	23	-	-	-	-	-	-	-	-	-	-	-	-
Synthetic crude rubber (9/83=100), fas	233	-	-	-	-	-	-	-	-	-	-	-	-
Wood[2]	24	104.9	110.9	120.7	135.4	142.2	142.5	149.6	153.6	155.5	155.5	153.2	139.0
Wood in the rough other than fuelwood, Hardwood and softwood lumber, railway	247	-	-	-	-	-	-	-	-	-	-	-	-
Hardwood and softwood lumber, railway ties, (12/83=100)[2]	248	-	-	-	-	-	-	-	-	-	-	-	-
Logs, sawn lengthwise, fas	24821	104.2	109.3	120.5	133.7	146.5	155.7	165.8	165.4	157.8	151.4	146.1	135.4
Non-conifer lumber (hardwood) (9/83=100), fas	2483	-	-	-	-	-	-	-	-	-	-	-	-
Pulp and waste paper (6/83=100)	25	-	-	-	-	-	-	-	-	-	-	-	-
Sulphate wood pulp (9/83=100), fas	2517	-	-	-	-	-	-	-	-	-	-	-	-
Textile fibers[2]	26	87.0	90.6	94.5	100.6	97.2	99.9	101.2	100.2	115.5	112.9	122.5	129.7
Cotton[2]	263	85.7	90.3	95.4	103.5	98.1	100.1	101.5	98.6	116.9	112.6	125.4	133.6
Raw cotton, fas	2631	85.5	90.1	95.2	103.3	97.9	99.9	101.1	98.2	116.6	112.3	125.2	133.5
Crude fertilizers and minerals[2]	27	99.3	102.0	102.9	103.0	108.2	108.5	112.7	115.2	127.7	131.7	139.8	142.2
Crude fertilizers[2]	271	95.0	97.6	99.0	97.8	103.6	105.0	109.9	111.6	126.3	130.9	134.3	135.1
Phosphates, fas	2713	95.0	97.6	99.0	97.8	103.6	105.0	109.9	111.6	126.3	130.9	134.3	135.1
Metalliferous ores and metal scrap	28	-	-	-	-	-	-	-	-	-	-	-	-
Scrap metal of iron or steel (6/77=100), fas	282	102.2	114.2	120.0	133.4	164.2	164.3	162.3	151.4	161.4	137.1	136.0	144.8
Ores and concentrates of base metals, n.e.s. (9/83=100), fas	287	-	-	-	-	-	-	-	-	-	-	-	-
Nonferrous base metal waste and scrap, n.e.s. (3/83=100)	288	-	-	-	-	-	-	-	-	-	-	-	-
Mineral fuels[2]	3	-	-	-	-	-	-	-	-	-	-	-	-
Bituminous coal (6/81=100), fas	3222	-	-	-	-	-	-	-	-	-	-	-	-
Lubricating oils (9/83=100), fas	3345	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum coke, tars, and mineral waxes (12/83=100)[2]	335	-	-	-	-	-	-	-	-	-	-	-	-
Natural gas (9/83=100), fas[3]	3414	-	-	-	-	-	-	-	-	-	-	-	-
Animal and vegetable oils, fats and waxes[2]	4	-	-	-	-	-	-	-	-	-	-	-	-
Animal oils and fats (6/83=100), fas	411	-	-	-	-	-	-	-	-	-	-	-	-
Fixed vegetable oils and fats (6/83=100)	42	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1978				1979				1980			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Fixed vegetable oils (soft) (9/83=100)	423	-	-	-	-	-	-	-	-	-	-	-	-
Soyabean oil (9/83=100), fas	4232	-	-	-	-	-	-	-	-	-	-	-	-
Chemicals (3/83=100)[2]	5	-	-	-	-	-	-	-	-	-	-	-	-
Hydrocarbons, n.e.s. and their derivatives (12/78=100), fas	511	-	-	-	100.0	113.4	138.2	169.5	175.3	181.9	178.5	169.4	173.3
Alcohols, phenols, phenol-alcohols, and their derivatives, fas	512	95.4	93.7	94.5	95.7	101.3	115.6	129.7	135.4	145.7	151.4	153.1	145.8
Carboxylic acids, and their anhydrides halides, peroxides and peracids, and their derivatives, fas	513	96.6	97.2	99.9	106.4	120.9	136.1	146.3	145.4	150.0	151.2	147.8	141.4
Other inorganic chemicals, organic and inorganic compounds of precious metals (9/83=100), fas	523	-	-	-	-	-	-	-	-	-	-	-	-
Polymerization and copolymerization products (9/83=100), fas	583	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous chemical products, n.e.s.[2]	59	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous chemical products, n.e.s. (9/83=100) gsd	598	-	-	-	-	-	-	-	-	-	-	-	-
Intermediate manufactured products (9/81=100) [2]	6	-	-	-	-	-	-	-	-	-	-	-	-
Leather and furskins (9/79=100)	61	-	-	-	-	-	-	100.0	85.5	97.9	80.4	80.0	80.2
Rubber manufactures [2]	62	103.5	104.4	104.8	105.0	108.7	111.4	109.4	115.8	119.1	123.4	129.1	130.8
Tires and tubes (6/79=100), fas	625	-	-	-	-	-	100.0	100.3	109.5	111.6	115.1	119.0	120.7
Articles of rubber, fas	628	103.1	104.3	104.3	104.8	108.9	111.2	113.7	116.1	120.5	124.8	129.4	130.5
Paper and paperboard products (6/78=100)[2]	64	-	100.0	102.0	106.7	109.1	112.2	116.6	121.8	125.8	130.4	133.0	134.2
Paper and paperboard (12/78=100)[2]	641	-	-	-	100.0	102.8	105.9	110.2	115.1	119.6	123.8	125.2	126.1
Printing and writing paper (3/81=100), fas	6412	-	-	-	-	-	-	-	-	-	-	-	-
Kraft paper and paperboard, fas	6413	98.2	99.3	103.4	113.3	118.6	124.0	132.2	137.8	144.7	150.5	150.3	150.6
Paper and paperboard, fas	6415	101.8	103.5	102.8	104.3	105.1	107.8	106.9	112.8	120.9	121.2	122.5	123.1
Textile fabrics and related products:	65	-	-	-	-	-	-	-	-	-	-	-	-
Man-made woven fabric (12/78=100), fas	653	-	-	-	100.0	103.4	103.9	104.2	105.9	107.8	110.7	115.6	120.6
Non-metallic mineral manufactures:	66	-	-	-	-	-	-	-	-	-	-	-	-
Glassware	665	108.1	110.2	111.7	112.5	118.9	121.7	122.0	123.6	134.9	137.2	139.8	143.4
Iron and steel (3/82=100)[2]	67	-	-	-	-	-	-	-	-	-	-	-	-
Hoop and strip, of iron or steel, fas	6750	100.6	103.0	108.1	108.1	112.5	112.5	120.5	122.7	129.3	131.7	132.5	132.5
Tube and pipe fittings of iron or steel, fob fac	6785	101.4	99.2	101.7	104.0	110.0	110.0	114.2	114.2	117.8	118.4	120.3	120.8
Non-ferrous metals (9/81=100)[2]	68	-	-	-	-	-	-	-	-	-	-	-	-
Silver, platinum and other metals of the platinum group (9/81=100), fas	681	-	-	-	-	-	-	-	-	-	-	-	-
Copper (6/79=100)[2]	682	-	-	-	-	-	100.0	103.3	109.6	118.9	109.9	112.6	112.7
Copper and copper alloys, worked, fas	6822	98.7	99.4	100.1	101.6	114.2	112.4	115.6	122.6	132.4	121.1	126.8	128.1
Nickel (6/79=100), fas	683	-	-	-	-	-	100.0	112.7	113.2	113.0	116.3	115.8	120.6
Aluminum (9/81=100)	684	-	-	-	-	-	-	-	-	-	-	-	-
Metal manufactures, n.e.s. (3/82=100)[2]	69	-	-	-	-	-	-	-	-	-	-	-	-
Containers of iron, steel or aluminum, used for moving or packing goods, fas	6924	111.0	111.0	112.2	113.4	120.0	123.0	126.9	128.6	136.0	137.9	136.8	137.3
Metal, fasteners, fas	694	96.0	110.6	115.9	118.0	120.1	126.5	129.2	130.3	134.8	133.8	134.3	135.2
Tools for use in hand or machines[2]	695	107.1	107.3	110.7	114.8	117.5	120.7	123.3	124.7	131.8	136.8	141.8	146.5
Other tools for use in hand	6953	104.2	104.6	107.9	110.3	115.4	117.1	121.2	122.6	127.9	133.5	134.7	136.3
Manufactures of base metal, n.e.s.:	699	-	-	-	-	-	-	-	-	-	-	-	-
Locksmiths' wares, safes, etc. and hardware n.e.s., of base metal, fob fac	6991	106.0	111.6	114.2	115.5	116.2	116.0	120.8	123.0	126.6	129.7	133.0	133.7
Articles of iron or steel, n.e.s. fas	6997	102.3	103.1	101.7	104.9	106.5	112.9	116.0	117.9	118.9	127.1	130.0	130.8
Machinery and transport equipment, excluding military and commercial aircraft (12/78=100)[3]	7	-	-	-	100.0	101.8	103.4	105.0	107.5	110.1	112.8	115.4	117.2
Power generating machinery and equipment (12/78=100) [2]	71	-	-	-	100.0	103.0	104.3	107.8	110.0	115.3	118.6	124.7	127.4
Internal combustion piston engines, parts (12/78=100)[2]	713	-	100.0	104.6	106.1	108.2	108.4	113.9	116.2	119.6	122.0	128.2	129.0
Parts of internal combustion piston engines, fas	7139	108.1	109.1	113.4	118.0	120.5	120.6	127.2	131.4	133.8	139.3	144.4	145.7
Electric motors, generators, and other rotating plant, fob fac	716	105.2	105.5	105.3	106.4	110.4	112.9	114.4	115.1	123.0	130.4	131.6	134.6
Machinery specialized for particular industries (9/78=100) [2]	72	-	-	100.0	102.7	103.9	106.2	109.0	111.8	115.9	119.8	123.0	127.2
Agricultural machinery (excl. tractors) and parts (9/78=100) [2]	721	-	-	100.0	103.3	102.0	103.2	105.7	109.3	112.0	113.2	116.2	120.5
Agric. machinery for preparing and cultivating the soil (6/78=100), fob fac	7211	-	100.0	103.3	104.4	105.3	108.3	109.6	115.8	118.8	122.5	122.9	125.5
Harvesting and threshing machinery, agric. produce graders and parts, fob fac	7212	107.2	108.6	108.6	113.0	109.8	110.8	113.5	116.6	119.9	120.3	124.9	130.0
Tractors fitted or not with power takeoffs, winches or pulleys, fob fac	722	106.4	111.7	114.4	117.3	118.3	121.9	124.6	129.9	133.8	138.9	142.8	145.9
Civil engineering and contractors' plant and equipment and parts [2]	723	107.5	108.8	110.9	115.2	117.2	119.5	122.8	125.5	131.8	134.6	138.7	144.3

See footnotes at end of table.

Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1978				1979				1980			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Construction and mining machinery, n.e.s.	7234	106.3	109.7	111.6	116.5	118.6	121.1	123.9	128.7	135.0	140.0	142.2	146.5
Parts, n.e.s., of construction machinery	7239	107.9	108.5	110.8	114.9	116.9	119.1	122.5	124.4	130.7	132.6	137.4	143.7
Textile and leather machinery and parts (3/79=100)[2]	724	–	–	–	–	100.0	102.9	104.0	107.7	115.0	116.9	120.4	121.5
Textile machinery, excl. 72449, 72454, and 7246 (6/79=100), fob fac [3]	724	–	–	–	–	–	100.0	100.6	103.5	108.0	110.2	112.6	113.8
Textile finishing machinery and parts, n.e.s. (6/79=100), fob fac	7247	–	–	–	–	–	100.0	101.7	105.7	107.2	110.6	113.6	115.3
Printing and bookbinding machines and parts, n.e.s. (9/78=100), fob fac	726	–	–	100.0	101.0	101.8	106.3	107.5	107.9	109.5	114.3	114.9	118.6
Machinery specialized for particular industries, n.e.s. fob fac [2]	728	103.7	104.8	108.2	109.5	111.2	113.2	117.9	119.8	122.6	131.4	135.6	140.3
Machinery and mechanical appliances, n.e.s. (6/80=100), fob fac	7284	–	–	–	–	–	–	–	–	–	100.0	102.8	107.0
Metalworking machinery (6/78=100)[2]	73	–	100.0	101.9	104.3	107.0	109.2	112.1	113.9	117.1	120.8	122.2	124.1
Metalworking machine tools and parts (6/78=100), fob fac	736	–	100.0	102.5	104.3	106.5	109.6	112.2	114.8	117.9	121.2	123.3	125.7
General industrial machines and parts, n.e.s. (9/78=100) [2]	74	–	–	100.0	102.2	104.3	106.1	108.4	111.5	115.2	117.3	120.6	123.9
Heating and cooling equip. and parts, n.e.s. (6/78=100), fob fac	741	–	100.0	101.2	102.1	105.2	107.2	109.5	113.8	115.9	117.0	119.0	123.5
Cooling equipment and parts, n.e.s., fob fac[3]	741	106.5	108.8	110.1	110.7	114.8	116.8	120.0	123.4	126.8	126.6	127.9	133.7
Heating equipment and parts, n.e.s. (6/78=100), fob fac[3]	741	–	100.0	101.4	104.1	103.8	105.7	106.6	115.2	113.8	119.2	122.7	124.7
Pumps for liquids, and parts, n.e.s. (6/78=100), fob fac	742	–	100.0	101.0	105.2	108.1	108.7	110.5	114.4	117.1	118.3	121.2	123.0
Air pumps, compressors, blowers, centrifuges, filtering apparatus and parts, n.e.s. (6/78=100), fob fac	743	–	100.0	99.0	102.3	104.5	106.2	108.4	112.7	116.5	118.2	125.2	126.1
Centrifuges and filtering apparatus (6/81=100)[3]	743	–	–	–	–	–	–	–	–	–	–	–	–
Mechanical handling equipment (6/78=100), fob fac[2]	744	–	100.0	101.6	103.4	103.7	106.6	109.3	111.4	115.7	117.9	120.4	124.6
Powered industrial trucks (6/78=100), fob fac	7441	–	100.0	102.2	103.2	107.1	109.7	114.0	113.5	118.4	120.5	124.0	128.2
Other non-elec. machinery, tools, and mechanical apparatus and parts, n.e.s. (12/80=100)[2]	745	–	–	–	–	–	–	–	–	–	–	–	100.0
Motorized non-electric hand tools (6/78=100), fob fac	7451	–	100.0	102.4	104.3	105.5	107.1	108.1	107.3	110.4	114.2	116.2	117.2
Packaging, weighing and similar non-electric machinery and parts, n.e.s., fob fac	7452	103.8	107.1	109.5	111.8	114.3	115.3	118.1	119.5	123.3	127.7	133.7	135.7
Non-electric parts and accessories of machinery, n.e.s. (6/79=100) [2]	749	–	–	–	–	–	100.0	102.4	105.4	110.9	113.6	115.7	120.4
Ball, rolr and needle roller bearings, fas	7491	100.2	102.4	103.5	108.3	110.6	111.7	115.3	118.5	127.3	129.5	139.4	140.2
Taps, cocks, valves, and similar appliances for liquid flow control, fob fac	7492	102.7	103.6	106.2	107.6	110.1	112.4	114.8	115.8	123.7	126.6	127.5	131.7
Clutches and transmission devices (3/79=100), fob fac	7493	–	–	–	–	100.0	100.8	104.4	106.4	108.2	112.3	112.4	120.1
Office machines and automatic data processing equipment[2]	75	101.6	102.0	102.5	102.7	102.4	100.8	101.8	102.3	99.8	100.7	101.4	102.0
Automatic data processing machines and units, fob fac	752	100.2	100.8	101.5	101.5	100.0	97.1	96.7	97.2	92.0	92.6	92.4	92.9
Parts, n.e.s. and accessories suitable for use with machines in 751 or 752 (6/78=100), fob fac	759	–	100.0	100.5	100.8	102.1	102.1	105.0	105.6	107.3	108.2	110.7	111.6
Telecommunications, sound recording and reproducing equipment [2]	76	103.2	103.5	105.2	106.7	108.1	108.8	111.1	112.3	114.8	117.8	119.6	120.0
Telecommunications equipment, n.e.s., parts and accessories for equipment in 76 fob fac	764	103.9	104.1	105.7	107.3	108.9	109.8	112.1	113.2	115.5	118.5	121.0	121.8
Electric machinery and equipment[2]	77	90.5	91.1	90.6	92.0	93.2	94.6	90.8	96.0	99.3	100.3	101.7	102.7
Transformers, rectifiers, and other non-rotating power machinery	771	102.6	105.1	105.4	107.5	109.6	111.3	115.0	116.7	123.0	129.4	132.8	134.7
Electrical apparatus for making, breaking and protecting electric circuits, fob fac	772	104.5	107.6	107.9	108.5	109.7	112.7	115.7	116.4	122.6	130.6	129.7	130.3
Electrical apparatus for medical and radiological equipment:	774	–	–	–	–	–	–	–	–	–	–	–	–
Electric medical apparatus except radiological apparatus (12/80=100), fob fac	7741	–	–	–	–	–	–	–	–	–	–	–	100.0
Household appliances, fob fac[2]	775	104.8	104.9	106.5	107.1	108.5	109.4	112.4	114.6	119.7	122.0	124.4	127.3
Miscellaneous electromechanical household appliances, fob fac	7757	104.8	105.0	105.5	105.5	107.9	107.8	111.7	112.1	118.1	120.5	121.7	124.7
Electro-thermic appliances (6/80=100), fob fac	7758	–	–	–	–	–	–	–	–	–	100.0	106.2	107.1
Electronic components including tubes and semiconductor diodes, transistors and integrated circuits, fob fac[2]	776	78.6	78.5	77.1	78.7	78.9	79.2	68.9	75.9	77.9	75.2	74.9	74.5
Diodes, transistors, and similar semiconductor devices and photocells, fob fac	7763	99.3	99.3	100.1	100.1	100.1	100.0	99.9	106.2	106.6	115.9	117.2	118.0
Electronic microcircuits including integrated circuits, fob fac	7764	71.4	71.1	69.4	71.4	71.8	72.5	68.4	79.5	75.2	64.6	63.6	61.9
Other electric equipment[2]	778	99.1	96.9	97.5	98.3	100.1	102.9	104.5	109.6	115.4	117.7	121.1	124.2
Automotive electrical equipment, fob fac	7783	111.3	111.3	114.0	114.7	122.1	122.1	123.0	127.0	131.2	132.0	132.7	144.7

See footnotes at end of table.

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Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977 = 100 unless otherwise specified]

Category	1974 SITC	1978				1979				1980			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Electrical starting and ignition equipment for internal combustion engines, fob fac	77831	111.3	111.3	114.0	114.7	122.1	122.1	123.0	127.0	131.2	132.0	132.7	144.7
Electromechanical tools, fas	7784	107.0	107.3	108.0	108.0	104.0	104.7	105.3	106.1	114.5	117.0	117.9	121.1
Miscellaneous electrical machinery and parts, fob fac	7788	95.1	94.6	94.7	95.9	97.8	99.3	101.7	109.1	113.6	116.9	121.1	122.3
Road vehicles and parts (3/80 = 100)[2]	78	-	-	-	-	-	-	-	-	100.0	103.3	104.9	104.9
Passenger automobiles (3/81 = 100), fas	7810	-	-	-	-	-	-	-	-	-	-	-	-
Parts and accessories for road vehicles, fas	784	110.0	114.8	116.7	117.8	122.2	128.8	131.4	133.8	136.9	143.4	144.6	144.7
Other transport equipment, excl. military and commercial aircraft [3]	79	104.7	106.5	110.1	112.7	114.5	116.7	120.9	121.5	124.1	127.8	131.7	134.3
General aviation aircraft and helicopters, faf [3]	792	106.2	106.6	106.7	110.6	111.6	111.0	112.6	115.7	117.7	118.6	119.2	123.1
Parts for aircraft and spacecraft, fob fac	7929	103.1	105.9	111.4	112.0	114.0	117.3	121.2	121.2	122.2	127.7	133.5	134.4
Other manufactured articles [2]	8	-	-	-	-	-	-	-	-	-	-	-	-
Lighting fixtures (9/83 = 100), fob fac	8124	-	-	-	-	-	-	-	-	-	-	-	-
Furniture and parts (9/83 = 100), fas	821	-	-	-	-	-	-	-	-	-	-	-	-
Apparel (9/83 = 100)	84	-	-	-	-	-	-	-	-	-	-	-	-
Knitted undergarments (9/83 = 100), fas	846	-	-	-	-	-	-	-	-	-	-	-	-
Professional, scientific and controlling instruments and apparatus [2]	87	104.7	106.6	107.6	111.0	114.6	116.9	117.8	120.3	124.9	128.0	131.6	135.1
Medical instruments and appliances (6/78 = 100), fob fac	872	-	100.0	100.8	106.2	105.3	106.0	106.0	107.0	112.1	115.1	117.2	119.0
Measuring, checking, analysing and controlling instruments and apparatus[2]	874	104.5	106.6	107.6	110.5	114.8	117.3	118.3	120.8	125.6	128.6	132.2	135.5
Non-electrical instruments for measuring or controlling flow, depth, pressure of liquids, gases or temperature, fob fac	8743	105.1	108.4	109.7	112.1	115.3	117.4	119.2	123.2	127.5	131.4	134.3	139.0
Electrical or electronic measuring, analysing, or controlling instruments, fob fac	8748	104.6	106.2	107.2	109.4	113.5	116.2	117.0	119.5	124.2	127.6	130.9	133.8
Photographic apparatus and supplies, optical goods, watches and clocks (12/77 = 100)	88	99.5	100.9	101.7	102.4	103.7	105.9	107.0	112.7	138.0	130.5	130.7	130.9
Photographic apparatus and equipment (6/83 = 100), fas	881	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous manufactured articles, n.e.s.	89	-	-	-	-	-	-	-	-	-	-	-	-
Plastic packaging materials and other articles of plastic (3/81 = 100), fas	893	-	-	-	-	-	-	-	-	-	-	-	-
Toys, games and sporting goods (6/81 = 100)[2]	894	-	-	-	-	-	-	-	-	-	-	-	-
Toys and games (3/81 = 100), fob fac	8942	-	-	-	-	-	-	-	-	-	-	-	-
Sporting goods (6/81 = 100), fob fac	8947	-	-	-	-	-	-	-	-	-	-	-	-
Office and stationery supplies, n.e.s. (3/81 = 100)[2]	895	-	-	-	-	-	-	-	-	-	-	-	-
Pens, pencils and fountain pens, fas (9/81 = 100)	8952	-	-	-	-	-	-	-	-	-	-	-	-
Musical instruments and accessories; record blanks and phonograph records (3/81 = 100)	898	-	-	-	-	-	-	-	-	-	-	-	-
Musical instruments (6/81 = 100)[3]	898	-	-	-	-	-	-	-	-	-	-	-	-
Gold, non-monetary (9/83 = 100), fas	971	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1981				1982				1983			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
All commodities (9/83=100)		-	-	-	-	-	-	-	-	-	-	100.0	99.5
Food (3/83=100)[2]	0	-	-	-	-	-	-	-	-	100.0	105.1	113.1	108.8
Meat (3/83=100)	01	-	-	-	-	-	-	-	-	100.0	100.5	100.8	101.2
Fish (3/83=100)	03	-	-	-	-	-	-	-	-	100.0	96.5	97.7	100.4
Grain and grain preparations (3/80=100)[2]	04	116.0	110.9	102.3	97.5	94.2	93.4	88.0	90.4	96.9	103.5	111.5	105.6
Wheat (3/80=100)	041	104.1	96.1	95.7	100.2	93.0	87.3	87.9	91.8	90.9	91.1	92.7	87.2
Hard amber durum wheat (3/80=100), fob vessel	0411	111.8	96.3	84.0	82.6	82.4	80.3	71.4	76.7	76.1	89.1	93.3	86.1
Hard winter ordinary wheat (3/80=100), fob vessel	04121	102.0	97.2	97.8	103.6	95.3	87.0	90.5	93.5	94.1	89.9	91.1	86.5
Soft red winter wheat (3/80=100), fob vessel	04122	100.4	80.8	89.3	96.7	84.8	74.2	71.6	78.5	72.8	77.8	86.8	81.6
Dark northern spring wheat (3/80=100), fob vessel	04123	112.0	111.2	100.4	102.2	102.8	97.9	96.0	96.4	95.1	102.1	102.8	97.5
Western white wheat (3/80=100), fob vessel	04124	104.8	98.7	97.5	99.9	91.7	97.0	98.9	104.7	105.5	101.1	94.7	87.3
Rice (12/83=100)	042	-	-	-	-	-	-	-	-	-	-	-	100.0
Barley (3/80=100), fob vessel	0430	146.2	122.8	105.1	96.7	102.3	100.0	82.7	79.7	79.2	89.5	108.8	105.3
Yellow corn (3/80=100), fob vessel	0440	123.4	121.2	107.8	97.5	98.0	100.0	90.0	91.8	103.8	115.4	130.2	123.5
Grain, other:	045	-	-	-	-	-	-	-	-	-	-	-	-
Yellow sorghum (3/80=100), fob vessel[3]	04592	118.8	112.9	100.2	96.5	94.6	97.9	87.9	95.8	105.4	117.2	118.1	113.3
Vegetables and fruit (3/83=100)[2]	05	-	-	-	-	-	-	-	-	100.0	105.8	114.8	116.1
Fruits and nuts (not including oil nuts) fresh or dried (12/83=100)	057	-	-	-	-	-	-	-	-	-	-	-	100.0
Edible nuts, fas	0577	149.5	141.4	110.7	103.6	118.8	120.6	123.5	128.1	124.5	135.3	137.8	139.7
Fruit, preserved [2]	058	-	-	-	-	-	-	-	-	-	-	-	-
Feed stuff for animals (3/83=100)[2]	08	-	-	-	-	-	-	-	-	100.0	100.6	121.4	117.4
Vegetable oil-cake extracts and residues (6/83=100), fas	0813	-	-	-	-	-	-	-	-	-	100.0	130.9	123.5
Food wastes, prepared animal feeds (6/78=100), fas	0819	125.7	118.0	118.5	121.4	123.3	119.2	115.5	122.6	117.0	117.4	125.1	125.8
Misc. food products (3/83=100)	09	-	-	-	-	-	-	-	-	100.0	101.1	102.8	101.7
Beverages and tobacco (6/83=100)	1	-	-	-	-	-	-	-	-	-	100.0	100.0	101.5
Beverages (9/83=100)	11	-	-	-	-	-	-	-	-	-	-	100.0	103.3
Tobacco and tobacco products (6/83=100)	12	-	-	-	-	-	-	-	-	-	100.0	100.0	101.4
Unmanufactured tobacco (9/83=100), fas	121	-	-	-	-	-	-	-	-	-	-	100.0	102.7
Crude materials[2]	2	-	-	-	-	-	-	-	-	-	100.0	114.5	112.2
Raw hides and skins (6/80=100)	21	125.8	124.0	121.8	119.1	116.3	116.7	114.6	109.9	101.8	118.2	129.2	135.2
Hides	211	141.3	136.3	133.7	133.4	130.5	131.6	129.4	122.4	118.0	144.0	159.4	167.9
Raw furskins (6/80=100)	212	98.1	102.5	101.1	93.7	91.2	90.2	88.2	87.8	72.2	70.4	73.0	74.3
Oilseeds and oleaginous fruit (9/77=100)[2]	22	88.2	89.5	84.0	79.3	76.8	77.0	70.7	71.3	70.0	75.0	105.6	96.8
Soybeans (3/80=100), fob vessel[3]	2222	111.2	113.3	106.0	99.8	96.6	97.0	89.9	89.4	89.2	95.4	134.6	122.3
Crude rubber (including synthetic and reclaimed (9/83=100)[2]	23	-	-	-	-	-	-	-	-	-	-	100.0	102.2
Synthetic crude rubber (9/83=100), fas	233	-	-	-	-	-	-	-	-	-	-	100.0	102.2
Wood [2]	24	138.9	136.5	141.9	140.0	146.8	134.4	129.4	127.3	122.4	127.3	128.8	129.8
Wood in the rough other than fuelwood, Hardwood and softwood lumber, railway	247	-	-	-	-	-	-	-	-	-	100.0	103.4	105.3
Hardwood and softwood lumber, railway ties, (12/83=100)[2]	248	-	-	-	-	-	-	-	-	-	-	-	100.0
Logs, sawn lengthwise, fas	24821	139.3	131.3	126.9	126.5	128.3	120.0	113.4	118.2	125.1	128.9	126.0	125.8
Non-conifer lumber (hardwood) (9/83=100), fas	2483	-	-	-	-	-	-	-	-	-	-	100.0	100.9
Pulp and waste paper (6/83=100)	25	-	-	-	-	-	-	-	-	-	100.0	103.5	106.0
Sulphate wood pulp (9/83=100), fas	2517	-	-	-	-	-	-	-	-	-	-	100.0	103.5
Textile fibers [2]	26	130.0	125.2	107.5	99.9	100.2	106.1	102.0	100.1	102.6	111.3	117.3	123.1
Cotton [2]	263	131.5	123.0	98.7	88.8	88.7	96.3	91.2	90.2	94.2	105.8	113.2	118.5
Raw cotton, fas	2631	131.4	122.8	98.3	88.4	88.3	96.1	91.0	90.0	94.0	105.8	113.2	117.8
Crude fertilizers and minerals[2]	27	148.0	152.1	154.1	152.7	150.6	151.1	148.6	149.4	145.8	145.0	144.8	144.8
Crude fertilizers[2]	271	137.1	142.7	142.8	142.4	131.3	131.9	123.4	125.1	116.2	115.5	114.0	114.8
Phosphates, fas	2713	137.1	142.7	142.8	142.4	131.3	131.9	123.4	125.1	116.2	115.5	114.0	114.8
Metalliferous ores and metal scrap	28	-	-	-	-	-	-	-	-	-	-	100.0	96.7
Scrap metal of iron or steel (6/77=100), fas	282	127.5	126.0	111.9	102.3	109.6	103.6	92.2	91.6	98.4	106.3	105.7	109.8
Ores and concentrates of base metals, n.e.s. (9/83=100), fas	287	-	-	-	-	-	-	-	-	-	-	100.0	99.2
Nonferrous base metal waste and scrap, n.e.s. (3/83=100)	288	-	-	-	-	-	-	-	-	100.0	116.5	128.9	125.1
Mineral fuels [2]	3	-	-	-	-	-	-	-	-	-	-	100.0	99.2
Bituminous coal (6/81=100), fas	3222	-	100.0	102.2	101.7	104.6	105.0	105.2	103.3	100.6	90.3	88.8	88.5
Lubricating oils (9/83=100), fas	3345	-	-	-	-	-	-	-	-	-	-	100.0	99.8
Petroleum coke, tars, and mineral waxes (12/83=100)[2]	335	-	-	-	-	-	-	-	-	-	-	-	100.0
Natural gas (9/83=100), fas [3]	3414	-	-	-	-	-	-	-	-	-	-	100.0	100.8
Animal and vegetable oils, fats and waxes [2]	4	-	-	-	-	-	-	-	-	-	100.0	125.6	122.0
Animal oils and fats (6/83=100), fas	411	-	-	-	-	-	-	-	-	-	100.0	111.0	114.4
Fixed vegetable oils and fats (6/83=100)	42	-	-	-	-	-	-	-	-	-	100.0	138.2	129.3

See footnotes at end of table.

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Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1981				1982				1983			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Fixed vegetable oils (soft) (9/83=100)	423	–	–	–	–	–	–	–	–	–	–	100.0	92.7
Soyabean oil (9/83=100), fas	4232	–	–	–	–	–	–	–	–	–	–	100.0	91.0
Chemicals (3/83=100)[2]	5	–	–	–	–	–	–	–	–	100.0	96.4	97.0	98.6
Hydrocarbons, n.e.s. and their derivatives (12/78=100), fas	511	176.1	181.1	171.8	161.7	157.8	154.0	144.7	142.9	141.8	146.2	150.9	154.2
Alcohols, phenols, phenol-alcohols, and their derivatives, fas	512	143.7	148.9	152.1	148.1	146.8	144.2	145.3	140.5	135.8	136.5	132.4	134.5
Carboxylic acids, and their anhydrides halides, peroxides and peracids, and their derivatives, fas	513	148.2	154.4	155.5	153.4	153.8	150.6	147.3	144.4	144.5	144.3	154.1	154.9
Other inorganic chemicals, organic and inorganic compounds of precious metals (9/83=100), fas	523	–	–	–	–	–	–	–	–	–	–	100.0	101.5
Polymerization and copolymerization products (9/83=100), fas	583	–	–	–	–	–	–	–	–	–	–	100.0	104.5
Miscellaneous chemical products, n.e.s.[2]	59	–	–	–	–	–	–	–	–	–	–	–	–
Miscellaneous chemical products, n.e.s. (9/83=100) gsd	598	–	–	–	–	–	–	–	–	–	–	100.0	101.5
Intermediate manufactured products (9/81=100)[2]	6	–	–	100.0	100.2	100.1	97.7	97.4	98.4	99.9	100.5	101.0	100.2
Leather and furskins (9/79=100)	61	80.2	80.3	76.0	75.1	73.0	69.7	68.0	65.4	65.5	67.2	70.1	75.8
Rubber manufactures[2]	62	135.3	138.1	141.1	142.9	146.3	146.2	143.8	144.3	146.2	144.8	145.0	145.0
Tires and tubes (6/79=100), fas	625	121.4	124.9	128.6	130.0	130.5	128.2	123.5	123.3	122.6	119.5	120.7	120.4
Articles of rubber, fas	628	139.9	141.7	144.3	145.7	153.9	154.9	155.1	155.6	161.2	162.0	161.0	161.3
Paper and paperboard products (6/78=100)[2]	64	139.7	141.7	142.9	143.5	143.8	139.5	137.2	135.3	135.0	135.8	139.7	145.5
Paper and paperboard (12/78=100)[2]	641	131.6	133.3	134.6	135.2	134.7	129.2	126.3	123.7	123.2	123.8	127.3	134.0
Printing and writing paper (3/81=100), fas	6412	100.0	101.1	102.3	102.6	103.6	101.1	100.2	97.9	96.1	97.2	101.0	103.7
Kraft paper and paperboard, fas	6413	158.0	158.7	159.0	158.3	150.0	138.2	129.7	124.6	125.2	125.8	133.9	149.0
Paper and paperboard, fas	6415	128.4	128.4	130.4	130.1	135.0	134.4	133.0	134.3	138.0	135.3	135.1	135.2
Textile fabrics and related products:	65	–	–	–	–	–	–	–	–	–	–	–	–
Man-made woven fabric (12/78=100), fas	653	125.1	127.8	128.9	131.3	133.2	133.3	133.0	132.3	134.6	134.7	137.4	138.2
Non-metallic mineral manufactures:	66	–	–	–	–	–	–	–	–	–	–	–	–
Glassware	665	150.6	155.7	157.5	158.9	165.1	169.4	174.9	176.7	182.4	183.5	181.3	181.5
Iron and steel (3/82=100)[2]	67	–	–	–	–	100.0	100.5	99.2	97.9	95.2	95.9	96.6	96.3
Hoop and strip, of iron or steel, fas	6750	133.9	137.3	144.8	144.8	144.8	144.8	144.8	139.1	139.1	140.5	141.9	141.9
Tube and pipe fittings of iron or steel, fob fac	6785	121.3	126.7	130.1	131.8	133.3	135.3	134.5	134.7	136.5	134.9	138.7	139.1
Non-ferrous metals (9/81=100)[2]	68	–	–	100.0	97.1	94.5	85.4	87.1	92.9	100.3	102.8	102.3	93.8
Silver, platinum and other metals of the platinum group (9/81=100), fas	681	–	–	100.0	95.5	89.9	72.2	81.4	107.7	137.9	138.6	130.6	100.7
Copper (6/79=100)[2]	682	117.9	107.1	111.8	108.7	108.1	103.6	103.9	107.0	111.2	111.2	116.8	113.8
Copper and copper alloys, worked, fas	6822	135.0	121.9	128.0	124.4	124.2	119.3	119.7	123.4	127.8	127.3	134.8	132.3
Nickel (6/79=100), fas	683	120.8	125.1	126.5	128.2	128.6	128.7	129.0	128.6	125.6	125.7	125.7	125.6
Aluminum (9/81=100)	684	–	–	100.0	98.3	97.6	88.1	87.7	87.5	88.3	94.0	95.8	94.1
Metal manufactures, n.e.s. (3/82=100)[2]	69	–	–	–	–	100.0	100.6	100.7	100.3	100.9	101.5	101.9	102.1
Containers of iron, steel or aluminum, used for moving or packing goods, fas	6924	145.9	146.6	149.9	147.5	156.5	159.5	156.3	156.2	157.7	159.1	164.3	161.6
Metal, fasteners, fas	694	137.0	140.4	143.0	132.2	133.0	133.5	136.6	136.5	136.9	154.3	154.2	149.4
Tools for use in hand or machines[2]	695	156.8	157.1	163.8	165.4	173.1	174.2	175.1	172.8	173.1	172.2	172.4	172.8
Other tools for use in hand	6953	143.1	143.8	146.1	146.8	152.2	153.6	154.1	152.9	153.3	152.9	153.2	154.0
Manufactures of base metal, n.e.s.:	699	–	–	–	–	–	–	–	–	–	–	–	–
Locksmiths' wares, safes, etc. and hardware n.e.s., of base metal, fob fac	6991	135.2	136.6	142.6	147.4	150.9	153.6	151.8	152.9	151.9	153.9	156.8	159.8
Articles of iron or steel, n.e.s. fas	6997	135.8	137.8	141.2	142.6	147.8	153.1	153.1	153.1	163.4	164.0	162.4	164.1
Machinery and transport equipment, excluding military and commercial aircraft (12/78=100)[3]	7	121.4	123.2	126.3	129.0	130.9	132.6	133.4	134.0	134.6	135.3	135.9	137.0
Power generating machinery and equipment (12/78=100)[2]	71	132.1	135.4	142.5	144.7	147.4	149.0	151.6	151.6	151.7	152.5	152.3	154.4
Internal combustion piston engines, parts (12/78=100)[2]	713	135.5	137.7	145.8	146.8	149.7	151.5	155.9	156.7	158.4	159.7	160.8	161.2
Parts of internal combustion piston engines, fas	7139	149.0	150.7	155.8	156.7	163.2	162.3	165.7	167.2	170.2	171.3	174.6	175.3
Electric motors, generators, and other rotating plant, fob fac	716	134.9	136.4	141.0	143.7	146.9	148.0	147.0	148.2	147.5	147.8	148.0	142.8
Machinery specialized for particular industries (9/78=100)[2]	72	131.8	134.4	137.7	142.8	144.0	145.9	146.9	147.9	148.9	148.9	149.1	151.1
Agricultural machinery (excl. tractors) and parts (9/78=100)[2]	721	123.5	124.9	127.9	134.2	133.5	135.0	138.1	142.8	143.8	145.9	146.8	151.3
Agric. machinery for preparing and cultivating the soil (6/78=100), fob fac	7211	129.1	130.8	132.6	135.6	139.2	139.8	140.9	143.8	144.9	149.1	149.1	148.8
Harvesting and threshing machinery, agric. produce graders and parts, fob fac	7212	133.9	135.4	139.2	146.2	143.9	146.1	150.8	157.0	158.0	159.4	160.5	163.9
Tractors fitted or not with power takeoffs, winches or pulleys, fob fac	722	151.6	153.7	155.6	162.4	158.9	158.4	160.2	161.3	162.1	163.9	162.1	166.8
Civil engineering and contractors' plant and equipment and parts[2]	723	151.3	155.2	160.8	167.8	169.6	173.0	173.0	171.9	171.8	169.6	169.1	171.5

See footnotes at end of table.

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Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1981				1982				1983			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Construction and mining machinery, n.e.s.	7234	151.6	155.1	156.9	163.6	166.4	171.2	171.4	171.7	172.5	171.6	170.0	169.9
Parts, n.e.s., of construction machinery	7239	151.4	155.5	162.7	170.0	171.2	174.1	174.0	172.2	171.7	169.1	169.0	172.5
Textile and leather machinery and parts (3/79=100)[2]	724	126.9	126.4	126.7	128.2	133.8	134.6	136.0	135.9	138.7	138.6	139.9	139.2
Textile machinery, excl. 72449, 72454, and 7246 (6/79=100), fob fac [3]	724	117.9	116.9	117.2	119.7	121.7	122.4	125.2	125.8	127.7	127.9	128.5	128.5
Textile finishing machinery and parts, n.e.s. (6/79=100), fob fac	7247	121.4	121.9	122.4	125.6	126.3	127.4	130.8	131.7	131.6	132.5	133.3	133.6
Printing and bookbinding machines and parts, n.e.s. (9/78=100), fob fac	726	120.3	123.1	125.0	127.1	127.9	130.6	131.3	132.2	133.4	134.0	136.2	136.2
Machinery specialized for particular industries, n.e.s. fob fac [2]	728	143.1	145.2	148.6	152.6	155.0	157.1	158.2	161.8	164.9	166.7	167.9	168.5
Machinery and mechanical appliances, n.e.s. (6/80=100), fob fac	7284	108.2	109.7	112.7	116.2	117.3	119.3	120.3	123.4	126.5	127.9	129.0	129.7
Metalworking machinery (6/78=100)[2]	73	130.5	134.1	138.0	139.9	142.6	146.1	145.6	146.4	147.6	148.4	148.3	148.7
Metalworking machine tools and parts (6/78=100), fob fac	736	132.1	135.7	139.1	139.7	143.1	146.8	147.7	148.8	150.5	151.6	149.5	150.2
General industrial machines and parts, n.e.s. (9/78=100) [2]	74	128.9	131.3	135.0	138.2	140.9	142.6	143.4	143.5	144.6	145.0	145.4	145.9
Heating and cooling equip. and parts, n.e.s. (6/78=100), fob fac	741	130.4	133.1	133.8	137.0	139.7	141.4	140.5	140.1	140.5	140.7	140.6	140.0
Cooling equipment and parts, n.e.s., fob fac[3]	741	142.5	144.8	144.9	148.1	151.3	153.2	151.4	150.8	151.0	150.5	150.3	149.3
Heating equipment and parts, n.e.s. (6/78=100), fob fac[3]	741	128.2	131.5	133.0	136.5	138.8	140.1	140.1	140.0	141.4	141.7	143.0	143.6
Pumps for liquids, and parts, n.e.s. (6/78=100), fob fac	742	132.7	135.3	136.8	138.7	142.5	144.3	146.6	147.7	147.3	146.5	146.2	148.3
Air pumps, compressors, blowers, centrifuges, filtering apparatus and parts, n.e.s. (6/78=100), fob fac	743	130.3	134.0	143.5	147.8	150.2	153.0	153.3	150.8	153.0	152.9	153.8	156.3
Centrifuges and filtering apparatus (6/81=100)[3]	743	-	100.0	104.5	107.2	111.1	112.5	113.7	113.3	114.4	115.7	115.0	118.6
Mechanical handling equipment (6/78=100), fob fac[2]	744	128.1	129.0	132.6	136.0	139.2	139.6	141.4	142.0	143.0	143.3	145.0	145.7
Powered industrial trucks (6/78=100), fob fac	7441	130.9	132.3	134.3	138.3	140.1	139.0	136.1	137.3	136.2	133.4	140.7	141.0
Other non-elec. machinery, tools, and mechanical apparatus and parts, n.e.s. (12/80=100)[2]	745	101.7	104.9	108.3	110.9	112.2	113.0	114.0	115.4	116.1	116.9	116.4	115.3
Motorized non-electric hand tools (6/78=100), fob fac	7451	122.0	125.4	128.1	128.8	129.8	131.5	132.3	136.8	137.6	138.6	138.6	135.6
Packaging, weighing and similar non-electric machinery and parts, n.e.s., fob fac	7452	136.8	141.2	146.3	151.1	153.0	153.8	155.4	155.8	156.9	157.8	156.9	156.3
Non-electric parts and accessories of machinery, n.e.s. (6/79=100) [2]	749	125.1	127.0	130.3	133.0	135.3	138.2	138.9	139.4	141.5	143.5	143.4	143.1
Ball, rolr and needle roller bearings, fas	7491	150.3	150.3	158.5	162.6	166.2	172.4	172.7	169.9	170.7	171.8	171.0	168.4
Taps, cocks, valves, and similar appliances for liquid flow control, fob fac	7492	137.6	140.0	143.4	145.5	149.1	153.0	153.4	155.2	159.6	161.4	161.9	162.3
Clutches and transmission devices (3/79=100), fob fac	7493	122.9	124.1	126.2	129.5	130.4	133.9	136.1	136.1	137.0	139.3	139.5	137.5
Office machines and automatic data processing equipment[2]	75	104.7	105.5	107.6	107.0	106.0	105.0	103.6	102.9	103.3	103.6	103.2	102.5
Automatic data processing machines and units, fob fac	752	94.6	95.1	97.7	97.8	95.2	92.8	91.7	91.3	90.9	90.8	89.6	89.3
Parts, n.e.s. and accessories suitable for use with machines in 751 or 752 (6/78=100), fob fac	759	116.0	117.3	118.8	117.0	118.5	119.5	117.8	116.7	118.2	119.1	120.0	119.2
Telecommunications, sound recording and reproducing equipment [2]	76	121.0	121.4	124.1	125.5	126.8	128.2	128.7	129.6	130.5	131.1	132.2	132.1
Telecommunications equipment, n.e.s., parts and accessories for equipment in 76 fob fac	764	122.5	123.1	126.2	128.4	129.5	130.7	131.6	132.7	135.2	136.1	137.2	137.1
Electric machinery and equipment[2]	77	103.9	103.0	104.5	106.3	107.0	108.6	108.5	108.6	107.8	108.5	109.4	109.8
Transformers, rectifiers, and other non-rotating power machinery	771	141.4	146.6	149.4	150.5	152.8	151.8	152.0	152.9	158.0	159.5	158.6	159.2
Electrical apparatus for making, breaking and protecting electric circuits, fob fac	772	132.7	134.2	135.8	139.0	142.3	144.7	147.6	148.9	151.0	148.9	150.6	150.6
Electrical apparatus for medical and radiological equipment:	774	-	-	-	-	-	-	-	-	-	-	-	-
Electric medical apparatus except radiological apparatus (12/80=100), fob fac	7741	100.6	104.1	105.1	105.9	107.1	107.3	108.4	111.0	110.1	112.2	110.9	112.5
Household appliances, fob fac[2]	775	131.4	133.1	136.8	138.1	140.9	141.1	142.4	142.2	143.8	144.5	144.7	144.5
Miscellaneous electromechanical household appliances, fob fac	7757	131.9	135.0	137.4	138.4	138.8	138.5	141.9	142.4	143.6	144.9	145.2	145.8
Electro-thermic appliances (6/80=100), fob fac	7758	109.6	110.0	111.8	114.2	116.7	116.9	119.3	118.8	121.4	121.7	121.9	120.8
Electronic components including tubes and semiconductor diodes, transistors and integrated circuits, fob fac[2]	776	73.4	69.5	69.8	71.8	70.7	72.1	70.3	70.0	67.6	68.2	69.4	70.0
Diodes, transistors, and similar semiconductor devices and photocells, fob fac	7763	116.2	116.2	116.3	118.0	117.5	122.6	119.7	121.3	119.2	119.9	122.2	123.2
Electronic microcircuits including integrated circuits, fob fac	7764	59.6	58.3	56.7	54.9	51.7	50.5	50.7	49.3	49.1	48.2	47.8	49.8
Other electric equipment[2]	778	126.5	128.0	130.1	130.3	131.3	131.2	131.6	132.6	132.2	134.3	134.6	135.6
Automotive electrical equipment, fob fac	7783	145.4	150.1	149.8	153.0	158.1	153.4	153.2	157.4	156.5	160.5	163.6	162.6

See footnotes at end of table.

Table 115. U.S. export price indexes for selected categories of goods,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1981				1982				1983			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Electrical starting and ignition equipment for internal combustion engines, fob fac	77831	145.4	150.2	149.9	153.5	153.0	146.8	146.5	152.1	150.3	151.9	156.0	154.7
Electromechanical tools, fas	7784	127.0	130.0	130.1	133.5	138.4	133.7	134.0	139.8	141.6	144.3	143.5	149.2
Miscellaneous electrical machinery and parts, fob fac	7788	124.0	124.9	127.6	126.5	126.4	126.8	127.4	127.6	126.9	129.0	129.1	129.9
Road vehicles and parts (3/80=100)[2]	78	110.1	112.1	113.3	116.7	119.2	121.2	122.8	123.8	124.4	125.6	127.5	128.8
Passenger automobiles (3/81=100), fas	7810	100.0	103.0	103.0	108.0	107.9	107.9	107.9	110.8	110.9	111.9	111.9	115.6
Parts and accessories for road vehicles, fas	784	154.5	156.5	158.5	162.1	166.4	170.5	172.5	172.4	172.7	174.8	179.7	179.2
Other transport equipment, excl. military and commercial aircraft [3]	79	141.7	145.4	151.7	154.6	160.8	166.5	168.2	171.7	174.3	175.8	176.4	179.3
General aviation aircraft and helicopters, faf [3]	792	137.8	139.2	141.4	147.5	153.0	155.3	156.9	166.0	169.3	170.5	172.2	175.2
Parts for aircraft and spacecraft, fob fac	7929	138.6	143.6	151.4	153.1	159.2	167.6	169.7	171.6	174.4	176.6	175.6	178.9
Other manufactured articles [2]	8	-	-	-	-	-	-	-	-	-	-	100.0	100.2
Lighting fixtures (9/83=100), fob fac	8124	-	-	-	-	-	-	-	-	-	-	100.0	101.0
Furniture and parts (9/83=100), fas	821	-	-	-	-	-	-	-	-	-	-	100.0	100.6
Apparel (9/83=100)	84	-	-	-	-	-	-	-	-	-	-	100.0	100.8
Knitted undergarments (9/83=100), fas	846	-	-	-	-	-	-	-	-	-	-	100.0	100.2
Professional, scientific and controlling instruments and apparatus [2]	87	141.4	144.9	148.4	150.1	158.7	160.7	162.1	163.0	167.2	169.8	169.0	171.5
Medical instruments and appliances (6/78=100), fob fac	872	126.8	127.6	128.7	130.2	139.4	139.4	137.7	140.1	141.7	138.1	132.6	132.7
Measuring, checking, analysing and controlling instruments and apparatus[2]	874	141.8	145.9	149.6	151.4	159.5	162.0	163.9	164.4	169.1	172.8	172.7	175.4
Non-electrical instruments for measuring or controlling flow, depth, pressure of liquids, gases or temperature, fob fac	8743	142.4	146.8	149.5	153.4	156.0	160.5	161.8	163.6	166.5	170.8	172.2	172.4
Electrical or electronic measuring, analysing, or controlling instruments, fob fac	8748	140.9	145.5	149.5	151.1	160.2	162.9	164.5	164.9	170.3	174.1	173.8	177.1
Photographic apparatus and supplies, optical goods, watches and clocks (12/77=100)	88	134.3	128.7	127.6	128.5	133.1	132.7	132.8	132.8	128.2	129.8	130.0	132.0
Photographic apparatus and equipment (6/83=100), fas	881	-	-	-	-	-	-	-	-	-	-	100.0	102.2
Miscellaneous manufactured articles, n.e.s.	89	-	-	-	-	-	-	-	-	-	100.0	100.0	98.2
Plastic packaging materials and other articles of plastic (3/81=100), fas	893	100.0	101.1	104.9	104.5	104.4	105.3	108.9	108.6	107.6	106.7	108.1	106.7
Toys, games and sporting goods (6/81=100)[2]	894	-	100.0	101.3	100.6	101.7	103.5	104.3	105.8	104.0	104.2	104.1	103.1
Toys and games (3/81=100), fob fac	8942	100.0	101.5	101.5	101.2	102.6	105.1	105.1	105.4	103.2	102.9	104.3	103.2
Sporting goods (6/81=100), fob fac	8947	-	100.0	104.0	100.5	101.4	102.6	104.8	106.9	106.3	107.0	104.7	107.5
Office and stationery supplies, n.e.s. (3/81=100)[2]	895	100.0	102.3	102.2	104.4	103.5	104.0	103.1	103.1	103.9	103.8	103.8	104.5
Pens, pencils and fountain pens, fas (9/81=100)	8952	-	-	100.0	102.8	101.6	101.9	100.8	100.8	101.7	101.7	101.7	102.5
Musical instruments and accessories; record blanks and phonograph records (3/81=100)	898	100.0	102.1	101.1	100.2	100.0	101.4	100.7	97.1	98.3	95.3	94.5	93.8
Musical instruments (6/81=100)[3]	898	-	100.0	101.0	102.1	105.0	99.7	99.7	99.9	100.3	99.2	99.2	99.2
Gold, non-monetary (9/83=100), fas	971	-	-	-	-	-	-	-	-	-	100.0	100.2	96.2

[1] Indexes have been weighted using 1980 export value and product classification system.

[2] Also includes price data in categories not shown separately.

[3] Product categories included in this SITC have been modified due to concordance of coverage limitations.

n.e.s. - Not elsewhere specified.

n.a. - Not available.

fob fac - Free on board, factory.

fas - Free alongside ship.

faf - Fly away factory.

fob vessel - Free on board, sea going vessel.

NOTE: Dashes indicate data are not available.

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Table 116. U.S. import price indexes,[1] 1975-83

[June 1977 = 100 unless otherwise specified]

Category	1974 SITC	1975				1976				1977			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
All commodities (9/82 = 100)		–	–	–	–	–	–	–	–	–	–	–	–
All commodities, ex fuels and related products (9/82 = 100)[3]		–	–	–	–	–	–	–	–	–	–	–	–
Food (9/77 = 100)	0	–	–	–	–	–	–	–	–	–	–	100.0	96.6
Meat[2]	01	–	–	–	–	–	–	–	–	–	100.0	99.7	105.2
Meat and edible meat offals, fresh, chilled or frozen (9/77 = 100)[2]	011	–	–	–	–	–	–	–	–	–	–	100.0	106.9
Meat of bovine animals, cif	0111	–	–	–	–	–	–	–	–	110.8	100.0	97.7	103.0
Meat and edible meat offals, prepared or preserved, n.e.s.; fish extracts[2]	014	–	–	–	–	–	–	–	–	–	100.0	102.9	105.7
Other prepared or preserved meat, cif	0149	–	–	–	–	–	–	–	–	–	100.0	103.2	106.1
Dairy products and eggs (6/81 = 100)[2]	02	–	–	–	–	–	–	–	–	–	–	–	–
Cheese and curd (6/77 = 100), fob fp	024	–	–	–	–	–	85.4	94.5	98.3	99.6	100.0	100.3	100.0
Fish[2]	03	–	–	–	–	–	–	–	–	–	100.0	99.7	99.7
Fish, fresh, chilled or frozen (12/77 = 100), cif	034	–	–	–	–	–	–	–	–	–	–	–	100.0
Shellfish, fresh, chilled, frozen, salted, or dried, cif	036	–	–	–	–	–	–	–	–	100.7	100.0	96.6	97.4
Fish in airtight containers (9/77 = 100), cif	037	–	–	–	–	–	–	–	–	–	–	–	–
Fish prepared or preserved, n.e.s. (9/77 = 100), cif	0371	–	–	–	–	–	–	–	–	–	–	100.0	98.4
Crustaceans and molluscs, prepared or preserved, n.e.s. (9/77 = 100), cif	0372	–	–	–	–	–	–	–	–	–	–	100.0	94.0
Bakery goods, pasta products, grain and grain preparations (9/77 = 100)	04	–	–	–	–	–	–	–	–	–	–	100.0	101.7
Fruits and vegetables[2]	05	–	–	–	–	–	79.3	86.6	88.2	114.6	100.0	101.9	91.9
Vegetables, fresh, chilled or frozen (12/82 = 100), cif	054	–	–	–	–	–	–	–	–	–	–	–	–
Vegetables, roots and tubers, prepared or preserved, n.e.s.	056	–	–	–	–	–	–	–	–	–	100.0	101.2	103.5
Fruit and nuts (not including oil nuts), fresh or dried[2]	057	–	–	–	–	–	67.9	73.1	74.8	99.5	100.0	102.1	106.5
Edible nuts, fob fp	0577	–	–	–	–	–	–	–	–	–	100.0	98.1	91.9
Fruit, preserved, and fruit preparations[2]	058	–	–	–	–	–	–	–	–	–	100.0	105.4	105.6
Fruit, temporarily preserved, fob fp	0589	–	–	–	–	–	–	–	–	–	100.0	100.1	100.2
Sugar, sugar preparations and honey (3/82 = 100)	06	–	–	–	–	–	–	–	–	–	–	–	–
Sugar and honey (raw and refined) (3/82 = 100), cif	061	–	–	–	–	–	–	–	–	–	–	–	–
Coffee, tea, cocoa[2]	07	–	104.8	150.3	152.2	45.7	55.8	61.2	85.3	96.9	100.0	85.8	81.8
Coffee and coffee substitutes[2]	071	–	103.0	147.7	149.5	45.0	54.8	60.3	84.9	97.4	100.0	79.5	77.8
Coffee, cif	0711	–	–	–	–	–	–	–	–	–	100.0	79.5	77.8
Tea and mate[2]	074	–	–	–	–	–	58.5	59.7	58.6	99.0	100.0	88.8	77.1
Tea (9/77 = 100), cif	0741	–	–	–	–	–	–	–	–	–	–	100.0	86.9
All other food items (9/77 = 100)[2]		–	–	–	–	–	–	–	–	–	–	100.0	107.1
Beverages and tobacco[2]	1	–	–	–	–	–	–	–	–	–	100.0	101.3	102.3
Beverages[2]	11	–	–	–	–	–	–	–	–	–	100.0	101.3	102.3
Alcoholic beverages[2]	112	–	–	–	–	–	–	–	–	–	100.0	101.3	102.3
Wine of fresh grapes, cif	1121	–	–	–	–	100.1	99.8	99.2	98.7	98.7	100.0	104.3	104.3
Beer (9/81 = 100), cif	1123	–	–	–	–	–	–	–	–	–	–	–	–
Spirits, cif	1124	–	–	100.2	101.0	102.5	100.5	99.1	97.2	99.6	100.0	100.2	100.9
Crude materials	2	–	–	–	–	–	–	–	–	–	–	–	–
Natural rubber (12/83 = 100)[2]	232	–	–	–	–	–	–	–	–	–	–	–	–
Wood (9/81 = 100)[2]	24	–	–	–	–	–	–	–	–	–	–	–	–
Hardwood and softwood lumber (9/81 = 100)[2]	248	–	–	–	–	–	–	–	–	–	–	–	–
Softwood lumber, cif	2482	69.5	80.4	81.7	83.7	92.5	90.3	96.8	97.6	100.8	100.0	121.2	111.2
Pulp and waste paper (12/81 = 100)[2]	25	–	–	–	–	–	–	–	–	–	–	–	–
Sulphate wood pulp (12/81 = 100), cif	2517	–	–	–	–	–	–	–	–	–	–	–	–
Crude fertilizers and crude materails (12/83 = 100)[2]	27	–	–	–	–	–	–	–	–	–	–	–	–
Crude vegetable and animal materials, n.e.s.[2]	29	–	–	–	–	–	–	–	–	–	–	–	–
Fuels and related products (6/82 = 100)[2]	3	–	–	–	–	–	–	–	–	–	–	–	–
Petroleum and petroleum products:	33	–	–	–	–	–	–	–	–	–	–	–	–
Crude petroleum	333	–	–	–	–	91.6	91.9	92.5	94.0	99.7	100.0	102.5	102.2
Gas, natural and manufactured:	34	–	–	–	–	–	–	–	–	–	–	–	–
Gas, natural and manufactured:	341	–	–	–	–	–	–	–	–	–	–	–	–
Natural gas and LNG (9/81 = 100)[3]	3414	–	–	–	–	–	–	–	–	–	–	–	–
Fats and oils (9/83 = 100)	4	–	–	–	–	–	–	–	–	–	–	–	–
Vegetable oils (9/83 = 100)	42	–	–	–	–	–	–	–	–	–	–	–	–
Vegetable oils, fluid or solid (9/83 = 100)	424	–	–	–	–	–	–	–	–	–	–	–	–
Chemicals (9/82 = 100)	5	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977 = 100 unless otherwise specified]

Category	1974 SITC	1975				1976				1977			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Intermediate manufactured products (12/77=100)[2]	6	–	–	–	–	–	–	–	–	–	–	–	100.0
Leather and furskins[2]	61	–	–	–	–	–	–	–	–	–	100.0	100.2	102.2
Leather, fob fp	611	–	–	–	–	–	–	–	–	–	100.0	99.7	102.1
Rubber manufactures, n.e.s.[2]	62	88.7	90.3	89.1	89.3	92.0	93.1	96.0	96.7	99.9	100.0	101.0	101.5
Rubber tires and tubes, cif	625	–	–	–	–	–	93.9	95.7	96.6	100.2	100.0	101.0	101.4
Cork and wood manufactures[2]	63	–	–	–	–	89.4	91.4	95.1	96.2	98.0	100.0	102.0	103.5
Plywood and veneers, cif	634	83.2	79.6	78.8	78.6	85.1	88.6	95.0	95.7	98.3	100.0	102.1	102.7
Wood manufactures, n.e.s.[2]	635	–	–	–	–	–	–	–	–	–	100.0	102.1	104.4
Wood manufactures, n.e.s., cif	6359	–	–	83.3	100.0	92.5	92.1	96.5	98.1	99.6	100.0	103.3	106.3
Paper and paperboard products[2]	64	–	–	–	–	–	–	–	–	–	100.0	100.2	100.3
Paper and paperboard[2]	641	–	–	–	–	–	–	–	–	–	100.0	99.9	100.0
Newsprint, cif	6411	85.8	86.1	86.1	86.6	90.6	93.3	94.5	98.9	100.0	100.0	100.0	100.0
Textiles[2]	65	–	–	–	–	–	–	–	–	99.5	100.0	101.6	104.4
Woven cotton fabric, cif[4]	652	–	–	–	–	–	–	–	100.7	98.9	100.0	100.1	100.5
Woven man-made fabric (9/78=100), cif[4]	653	–	–	–	–	–	–	–	–	–	–	–	–
Misc. woven fabric, cif	654	–	–	–	–	–	–	–	–	99.3	100.0	102.7	109.4
Special textile fabrics and related products (9/77=100), cif	657	–	–	–	–	–	–	–	–	–	–	100.0	101.5
Articles made up chiefly of textile materials (9/78=100), cif[4]	658	–	–	–	–	–	–	–	–	–	–	–	–
Non-metallic mineral manufactures, n.e.s.	66	–	–	–	–	–	–	–	–	–	100.0	103.7	109.2
Mineral manufactures, n.e.s. (3/83=100)	663	–	–	–	–	–	–	–	–	–	–	–	–
Glassware[2]	665	–	–	–	–	–	–	–	–	–	100.0	101.4	100.3
Glassware used for table, kitchen, etc. (9/79=100), fob fp	6652	–	–	–	–	–	–	–	–	–	–	–	–
Pottery (9/77=100), fob fp	666	–	–	–	–	–	–	–	–	–	–	100.0	106.3
Precious, semi-precious stones and pearls:	667	–	–	–	–	–	–	–	–	–	–	–	–
Diamonds, cut and polished (6/82=100), cif	6672	–	–	–	–	–	–	–	–	–	–	–	–
Iron and steel (9/78=100)[2]	67	–	–	–	–	–	–	–	–	–	–	–	–
Pig iron,spiegeleisen, sponge iron, iron or steel powders and shot, and ferro-alloys (9/78=100), cif	671	–	–	–	–	–	–	–	–	–	–	–	–
Ingots and other primary forms of iron or steel (3/81=100), cif	672	–	–	–	–	–	–	–	–	–	–	–	–
Iron and steel bars, rods, angles, shapes and sections[2]	673	–	–	–	–	–	–	–	–	99.6	100.0	102.4	105.8
Wire rod of iron or steel, cif	6731	–	–	–	–	–	101.1	96.4	102.6	100.8	100.0	99.5	101.0
Wire rod of other than high carbon or alloy steel, cif	67311	128.8	108.7	103.5	96.5	96.2	99.6	104.0	104.9	101.5	100.0	99.0	98.3
Angles, shapes and sections and sheet piling, of iron and steel (9/78=100), cif	6733	–	–	–	–	–	–	–	–	–	–	–	–
Universals, plates and sheets, cif[2]	674	111.6	98.5	93.9	89.4	90.0	92.8	96.7	95.9	98.1	100.0	101.2	103.2
Tinned sheets and plates (6/79=100), cif	6747	–	–	–	–	–	–	–	–	–	–	–	–
Hoop and strip, of iron or steel (12/78=100), cif	675	–	–	–	–	–	–	–	–	–	–	–	–
Iron or steel wire, not insulated, cif	677	108.5	103.5	101.3	98.9	99.4	100.5	99.8	100.3	100.9	100.0	101.3	103.3
Tubes, pipes and fittings (3/78=100), cif	678	–	–	–	–	–	–	–	–	–	–	–	–
Non-ferrous metals (12/81=100)[2]	68	–	–	–	–	–	–	–	–	–	–	–	–
Silver, platinum and other metals of the platinum group (3/82=100), cif	681	–	–	–	–	–	–	–	–	–	–	–	–
Copper[2]	682	–	–	–	–	–	–	–	–	101.1	100.0	88.1	88.1
Copper and copper alloys, worked (6/78=100), cif	6822	–	–	–	–	–	–	–	–	–	–	–	–
Nickel (3/82=100), cif	683	–	–	–	–	–	–	–	–	–	–	–	–
Zinc[2]	686	–	–	–	–	–	–	–	–	–	100.0	94.0	86.7
Zinc and zinc alloys, unwrought, cif	6861	–	–	–	–	–	–	–	–	104.7	100.0	94.0	86.7
Tin (12/77=100), cif	687	–	–	–	–	–	–	–	–	–	–	–	100.0
Metal manufactures, n.e.s.[2]	69	–	–	–	–	–	–	–	–	–	100.0	101.1	102.8
Wire products and fencing grills (9/78=100)[2]	693	–	–	–	–	–	–	–	–	–	–	–	–
Stranded wire, cables, ropes, etc. of iron, steel, copper or aluminum (6/80=100), cif	6931	–	–	–	–	–	–	–	–	–	–	–	–
Metal fasteners, cif[2]	694	115.9	104.1	102.3	96.4	96.0	95.6	98.3	100.4	101.3	100.0	99.2	99.4
Nuts, bolts, screws, washers, etc. cif	69402	–	105.1	103.6	97.4	97.5	95.1	97.2	99.9	101.0	100.0	99.6	100.1
Tools for use in hand or machines[2]	695	–	–	–	–	–	–	–	–	99.2	100.0	100.6	103.9
Misc. tools for use in hand, cif	6953	105.2	103.4	100.9	93.4	93.5	93.9	95.3	96.5	99.0	100.0	100.5	104.6
Interchangeable tools for hand tools or machine tools (6/80=100), cif	6954	–	–	–	–	–	–	–	–	–	–	–	–
Cutlery, fob fp	696	88.7	88.1	87.3	88.4	88.7	89.5	93.5	93.2	97.0	100.0	101.3	102.4
Household equipment of base metal, n.e.s., fob fp	697	–	–	–	–	–	–	–	–	–	100.0	101.3	101.9
Manufactures of base metal, n.e.s. (12/80=100)[2]	699	–	–	–	–	–	–	–	–	–	–	–	–
Locksmith's wares and hardware, n.e.s., of base metal, cif	6991	–	–	–	–	–	–	–	–	–	100.0	100.5	105.9
Articles of iron or steel, n.e.s., cif	6997	–	101.3	95.9	97.0	94.7	92.0	94.8	99.1	102.0	100.0	101.2	104.7
Machinery and transport equipment (6/81=100)[2]	7	–	–	–	–	–	–	–	–	–	–	–	–
Power generating machinery and equipment:	71	–	–	–	–	–	–	–	–	–	–	–	–
Electric motors, generators, and other rotating plant	716	111.8	110.4	96.4	94.9	95.9	99.2	100.2	97.8	98.8	100.0	99.4	100.9

See footnotes at end of table.

Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1975 Mar.	1975 June	1975 Sept.	1975 Dec.	1976 Mar.	1976 June	1976 Sept.	1976 Dec.	1977 Mar.	1977 June	1977 Sept.	1977 Dec.
Machinery specialized for particular industries (9/78=100)[2]	72	–	–	–	–	–	–	–	–	–	–	–	–
Civil engineering and contractors' plant and equipment and parts (9/81=100), cif	723	–	–	–	–	–	–	–	–	–	–	–	–
Textile and leather machinery and parts[2]	724	–	–	–	–	–	–	–	–	–	100.0	102.3	104.9
Textile machinery and parts (3/80=100), fob fp[3]	724	–	–	–	–	–	–	–	–	–	–	–	–
Sewing machines, fob fp	7243	–	–	–	–	93.5	95.5	96.3	96.9	98.1	100.0	101.7	105.7
Spinning, twisting etc. machines and parts (3/80=100), fob fp	7244	–	–	–	–	–	–	–	–	–	–	–	–
Weaving, knitting etc. machines (3/80=100), fob fp	7245	–	–	–	–	–	–	–	–	–	–	–	–
Auxiliary machines and parts for 724.5 (3/80=100), fob fp	7246	–	–	–	–	–	–	–	–	–	–	–	–
Textile finishing machinery (6/80=100), fob fp	7247	–	–	–	–	–	–	–	–	–	–	–	–
Machinery specialized for particular industries, n.e.s. (6/81=100), fob fp	728	–	–	–	–	–	–	–	–	–	–	–	–
Metalworking machinery (3/80=100)[2]	73	–	–	–	–	–	–	–	–	–	–	–	–
Metalworking machine tools and parts (3/80=100)	736	–	–	–	–	–	–	–	–	–	–	–	–
Metalworking machine-tools, fob fp[3]	736	–	–	–	–	–	–	–	–	–	100.0	101.3	103.9
Parts, n.e.s. of metalworking machine tolls (12/79=100), fob fp[3]	736	–	–	–	–	–	–	–	–	–	–	–	–
General industrial machinery and parts, (6/81=100), n.e.s.[2]	74	–	–	–	–	–	–	–	–	–	–	–	–
Heating and cooling equipment and part, n.e.s. (6/80=100), fob fp	741	–	–	–	–	–	–	–	–	–	–	–	–
Machinery that treats materials by a process involving a change of temperature (6/80=100), fob fp	7416	–	–	–	–	–	–	–	–	–	–	–	–
Pumps for liquids and parts, n.e.s. (6/80=100), cif	742	–	–	–	–	–	–	–	–	–	–	–	–
Pumps, compressors, fans, blowers, centrifuges, and filtering apparatus and parts n.e.s. (3/80=100), fob fp	743	–	–	–	–	–	–	–	–	–	–	–	–
Air pumps, vacuum pumps, air or gas compressors and parts, n.e.s. (6/80=100), fob fp[3]	743	–	–	–	–	–	–	–	–	–	–	–	–
Fans, blowers and parts, n.e.s. (12/80=100), fob fp	7434	–	–	–	–	–	–	–	–	–	–	–	–
Mechanical handling equipment (3/82=100), fob fp	744	–	–	–	–	–	–	–	–	–	–	–	–
Misc. non-electrical apparatus, n.e.s. (9/80=100)	745	–	–	–	–	–	–	–	–	–	–	–	–
Motorized non-electrical hand tools (6/80=100), fob fp	7451	–	–	–	–	–	–	–	–	–	–	–	–
Packaging, weighing, similar non-elec. machinery, and parts, n.e.s. (3/80=100), fob fp	7452	–	–	–	–	–	–	–	–	–	–	–	–
Non-electric parts and accessories of machinery, n.e.s. (12/79=100), fob fp[2]	749	–	–	–	–	–	–	–	–	–	–	–	–
Ball, roller and needle roller bearings (3/80=100), fob fp	7491	–	–	–	–	–	–	–	–	–	–	–	–
Taps, cocks, valves and similar appliances for liquid flow control (12/78=100), fob fp	7492	–	–	–	–	–	–	–	–	–	–	–	–
Clutches and transmission devices (3/80=100), fob fp	7493	–	–	–	–	–	–	–	–	–	–	–	–
Office machines and automatic data processing equipment (3/80=100)[2]	75	–	–	–	–	–	–	–	–	–	–	–	–
Office machines, fob fp	751	–	–	–	–	–	–	–	–	–	100.0	98.7	100.9
Parts, n.e.s. and accessories suitable for use in 751 or 752 (3/80=100), fob fp	759	–	–	–	–	–	–	–	–	–	–	–	–
Telecommunications, sound recording and reproducing apparatus (3/80=100)[2]	76	–	–	–	–	–	–	–	–	–	–	–	–
Radio broadcast receivers, fob fp	762	–	–	–	–	–	–	–	–	–	100.0	101.8	105.7
Telecommunications equip. n.e.s., parts and and accessories for equip. in 76 (3/80=100), fob fp[2]	764	–	–	–	–	–	–	–	–	–	–	–	–
Microphones, loudspeakers and audio-frequency electric amplifiers, fob fp	7642	–	–	–	–	–	–	–	–	–	100.0	100.0	102.4
Electrical machinery and equipment (12/81=100)[2]	77	–	–	–	–	–	–	–	–	–	–	–	–
Electric power machinery and parts, n.e.s. (3/79=100)[2]	771	–	–	–	–	–	–	–	–	–	–	–	–
Miscellaneous electric power machinery, including rectifiers and inductors, fob fp	7712	–	–	–	–	–	92.8	94.2	93.0	97.1	100.0	101.5	103.2
Electrical apparatus for making, breaking and protecting circuits, fob fp	772	112.9	111.4	99.8	100.0	97.2	97.6	98.3	99.4	99.6	100.0	101.0	103.8
Household appliances, fob fp[2]	775	–	–	–	–	–	–	–	99.2	100.0	100.0	101.3	104.4
Electro-thermal appliances, fob fp	7758	–	–	–	–	–	–	–	99.3	99.8	100.0	100.8	104.0
Electronic components (June 1983=100)	776	102.7	102.7	101.8	101.5	102.0	102.1	102.1	102.3	98.9	100.0	101.0	96.6
Misc. electric equipment[2]	778	–	–	–	–	–	97.1	96.7	96.9	98.8	100.0	100.5	100.9
Batteries and accumulators (12/79=100), fob fp	7781	–	–	–	–	–	–	–	–	–	–	–	–
Electric lamps, fob fp	7782	–	–	–	–	–	–	–	–	98.7	100.0	99.2	106.0
Automotive electric equipment, fob fp	7783	–	–	–	–	–	99.3	98.2	96.9	99.7	100.0	101.6	102.9
Miscellaneous electric machinery and parts, fob fp	7788	–	–	96.4	96.4	96.8	96.7	96.5	96.8	98.9	100.0	101.4	100.8
Road vehicles and parts (6/81=100)[2]	78	–	–	–	–	–	–	–	–	–	–	–	–
Passenger automobiles (6/81=100)[3]	781	–	–	–	–	–	–	–	–	–	–	–	–
Parts for motor vehicles:	784	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

NEWARK PUBLIC LIBRARY

Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977 = 100 unless otherwise specified]

Category	1974 SITC	1975				1976				1977			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Parts for motor vehicles, non-APTA[3]	7849	–	–	–	–	–	–	–	–	97.6	100.0	101.3	103.5
Cycles, motorized and non-motorized, fob fp:	785	–	–	–	–	–	–	–	–	–	–	–	–
Parts for cycles, not motorized, fob fp[3]	78539	–	–	–	–	–	–	96.3	98.9	100.3	100.0	103.0	106.2
Misc. manufactured articles (3/80 = 100)[2]	8	–	–	–	–	–	–	–	–	–	–	–	–
Misc. manufactured articles excluding gold and silver coins (6/82 = 100)[3]	8	–	–	–	–	–	–	–	–	–	–	–	–
Plumbing, heating and lighting fixtures (6/80 = 100)	81	–	–	–	–	–	–	–	–	–	–	–	–
Furniture and parts (6/80 = 100)	82	–	–	–	–	–	–	–	–	–	–	–	–
Clothing (9/77 = 100)[2]	84	–	–	–	–	–	–	–	–	–	–	100.0	100.7
Woven outerwear, men's and boys'[2]	842	–	–	–	–	–	–	–	–	–	100.0	102.0	100.3
Woven coats, men's and boys' (9/79 = 100), fob fp[4]	8421	–	–	–	–	–	–	–	–	–	–	–	–
Woven pants, men's and boys', fob fp[4]	8423	–	–	–	–	–	–	–	–	–	100.0	102.8	100.0
Woven undergarments[2]	844	94.4	84.1	88.1	90.2	95.7	95.9	100.9	102.0	100.7	100.0	105.6	106.6
Woven shirts, men's and boys', fob fp[4]	8441	93.2	83.0	87.3	89.6	95.5	95.7	101.1	102.0	100.7	100.0	106.0	107.1
Knitted outergear[2]	845	–	–	–	–	–	95.4	95.4	97.4	98.6	100.0	99.6	101.3
Knitted sweaters, cif[4]	8451	–	–	–	–	–	94.7	94.7	97.3	98.3	100.0	98.6	100.8
Knitted undergarments[2]	846	–	–	–	–	–	–	–	92.7	100.0	100.0	100.7	102.4
Knitted cotton undergarments (12/79 = 100), fob fp[4]	8462	–	–	–	–	–	–	–	–	–	–	–	–
Headwear and non-textile apparel[2]	848	–	–	–	–	–	–	–	96.2	100.4	100.0	101.4	102.9
Leather apparel, fob fp[4]	8481	–	–	–	–	–	–	–	–	–	100.0	101.5	102.4
Plastic and rubber apparel (3/80 = 100), fob fp	8482	–	–	–	–	–	–	–	–	–	–	–	–
Footwear:	85	–	–	–	–	–	–	–	–	–	–	–	–
Footwear:	851	–	–	–	–	–	–	–	–	–	–	–	–
Footwear, cif[2]	8510	86.7	88.1	87.8	88.9	90.0	93.7	95.6	98.5	98.2	100.0	100.9	104.1
Athletic footwear, cif[3]	8510	–	–	–	–	–	–	–	97.9	100.1	100.0	99.1	103.4
Professional, scientific and controlling instruments and apparatus (12/79 = 100)[2]	87	–	–	–	–	–	–	–	–	–	–	–	–
Optical instruments and apparatus (12/79 = 100), fob fp	871	–	–	–	–	–	–	–	–	–	–	–	–
Medical instruments and appliances (12/79 = 100), fob fp	872	–	–	–	–	–	–	–	–	–	–	–	–
Measuring and controlling instruments and apparatus (12/79 = 100), fob fp	874	–	–	–	–	–	–	–	–	–	–	–	–
Electrical or electronic measuring and controlling instruments and apparatus (12/79 = 100), fob fp	8748	–	–	–	–	–	–	–	–	–	–	–	–
Photographic apparatus and supplies, optical goods, watches and clocks (3/80 = 100)[2]	88	–	–	–	–	–	–	–	–	–	–	–	–
Photographic apparatus and equipment (3/80 = 100)	881	–	–	–	–	–	–	–	–	–	–	–	–
Photographic and cinematographic supplies (3/80 = 100)	882	–	–	–	–	–	–	–	–	–	–	–	–
Optical goods (6/80 = 100)	884	–	–	–	–	–	–	–	–	–	–	–	–
Optical elements, lenses, prisms (3/80 = 100), fob fp	8841	–	–	–	–	–	–	–	–	–	–	–	–
Spectacles and spectacle frames (3/80 = 100), fob fp	8842	–	–	–	–	–	–	–	–	–	–	–	–
Watches and clocks (6/80 = 100)	885	–	–	–	–	–	–	–	–	–	–	–	–
Watches and clocks (3/80 = 100), fob fp[4]	8851	–	–	–	–	–	–	–	–	–	–	–	–
Clocks, clock movements and parts (3/80 = 100), fob fp[4]	8852	–	–	–	–	–	–	–	–	–	–	–	–
Misc. manufactured articles, n.e.s. (6/82 = 100)[2]	89	–	–	–	–	–	–	–	–	–	–	–	–
Misc. manufactured articles, n.e.s. excl. gold and silver coins (6/82 = 100)[3]	89	–	–	–	–	–	–	–	–	–	–	–	–
Toys, games and sporting goods (12/80 = 100), fob fp[2]	894	–	–	–	–	–	–	–	–	–	–	–	–
Toys and games (12/80 = 100), fob fp	8942	–	–	–	–	–	–	–	–	–	–	–	–
Sporting goods (3/81 = 100), fob fp	8947	–	–	–	–	–	–	–	–	–	–	–	–
Works of art, antiques, collectors' pieces incl. gold and silver coins:	896	–	–	–	–	–	–	–	–	–	–	–	–
Collectors' pieces incl. gold and silver coins (6/82 = 100)	89605	–	–	–	–	–	–	–	–	–	–	–	–
Musical instruments and accessories; record blanks and phonograph records (9/79 = 100)	898	–	–	–	–	–	–	–	–	–	–	–	–
Musical instruments (3/81 = 100)[3]	898	–	–	–	–	–	–	–	–	–	–	–	–
Commodities not elsewhere classified:	9	–	–	–	–	–	–	–	–	–	–	–	–
Gold, non-monetary (6/82 = 100)	971	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1978				1979				1980			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
All commodities (9/82=100)		-	-	-	-	-	-	-	-	-	-	-	-
All commodities, ex fuels and related products (9/82=100)[3]		-	-	-	-	-	-	-	-	-	-	-	-
Food (9/77=100)	0	90.7	90.8	91.4	93.6	92.4	100.8	102.7	106.4	106.7	104.4	105.4	107.0
Meat[2]	01	119.8	126.2	127.0	145.8	162.4	160.0	154.8	168.3	156.8	139.4	161.2	165.2
Meat and edible meat offals, fresh, chilled or frozen (9/77=100)[2]	011	126.7	138.3	139.7	163.2	185.5	183.0	179.3	196.4	180.0	158.0	186.5	188.6
Meat of bovine animals, cif	0111	129.2	146.5	146.5	170.5	201.8	199.4	197.5	213.9	198.5	175.2	203.5	204.1
Meat and edible meat offals, prepared or preserved, n.e.s.; fish extracts[2]	014	110.5	106.6	106.2	116.0	121.9	119.6	111.1	117.9	115.9	107.1	116.2	124.0
Other prepared or preserved meat, cif	0149	111.1	107.0	106.7	116.8	122.9	120.6	111.8	118.7	116.5	107.0	116.3	124.3
Dairy products and eggs (6/81=100)[2]	02	-	-	-	-	-	-	-	-	-	-	-	-
Cheese and curd (6/77=100), fob fp	024	100.4	101.3	103.6	107.9	109.4	108.6	113.6	115.9	120.2	121.3	123.1	123.8
Fish[2]	03	101.2	101.8	105.2	112.4	117.7	121.8	121.5	124.3	125.5	124.4	126.8	131.9
Fish, fresh, chilled or frozen (12/77=100), cif	034	101.4	101.5	102.4	102.2	104.1	106.2	109.3	112.9	118.9	124.5	123.4	132.3
Shellfish, fresh, chilled, frozen, salted, or dried, cif	036	99.2	100.5	106.9	122.9	133.3	139.4	135.4	137.5	132.9	123.2	128.4	130.3
Fish in airtight containers (9/77=100), cif	037	-	-	-	-	-	-	100.0	101.5	105.7	109.5	111.9	114.5
Fish prepared or preserved, n.e.s. (9/77=100), cif	0371	98.4	95.4	95.7	96.8	98.7	104.8	107.2	110.1	117.7	121.2	124.1	125.9
Crustaceans and molluscs, prepared or preserved, n.e.s. (9/77=100), cif	0372	95.9	99.3	103.1	109.0	108.0	108.9	106.0	105.4	104.3	109.5	111.5	116.1
Bakery goods, pasta products, grain and grain preparations (9/77=100)	04	105.2	106.0	108.7	112.8	116.2	118.0	121.9	125.5	130.6	131.1	136.0	138.4
Fruits and vegetables[2]	05	85.7	89.9	90.4	90.6	88.1	92.1	92.8	97.9	95.1	100.2	100.7	104.5
Vegetables, fresh, chilled or frozen (12/82=100), cif	054	-	-	-	-	-	-	-	-	-	-	-	-
Vegetables, roots and tubers, prepared or preserved, n.e.s.	056	101.0	102.3	102.3	102.1	102.1	102.6	102.6	108.0	109.6	110.8	112.7	113.5
Fruit and nuts (not including oil nuts), fresh or dried[2]	057	105.2	111.6	112.2	112.4	114.4	117.1	119.2	123.6	130.3	140.3	140.5	144.9
Edible nuts, fob fp	0577	83.4	86.8	86.0	83.0	87.8	92.4	96.8	105.8	110.9	116.5	115.8	116.9
Fruit, preserved, and fruit preparations[2]	058	110.1	109.0	111.1	107.6	112.5	110.8	111.2	111.4	110.3	104.4	104.8	106.5
Fruit, temporarily preserved, fob fp	0589	102.2	99.8	104.0	106.4	110.6	105.3	105.9	105.8	101.8	107.0	107.7	110.0
Sugar, sugar preparations and honey (3/82=100)	06	-	-	-	-	-	-	-	-	-	-	-	-
Sugar and honey (raw and refined) (3/82=100), cif	061	-	-	-	-	-	-	-	-	-	-	-	-
Coffee, tea, cocoa[2]	07	73.6	71.2	70.7	66.5	59.3	72.0	75.6	75.9	72.9	67.9	57.0	53.0
Coffee and coffee substitutes[2]	071	70.8	69.0	65.7	58.4	51.8	71.1	78.1	79.3	76.1	74.0	59.0	54.5
Coffee, cif	0711	70.8	69.0	65.5	57.7	50.6	69.6	76.4	77.6	74.3	72.1	57.5	53.1
Tea and mate[2]	074	75.7	70.0	68.8	67.0	65.2	63.0	61.5	62.7	64.5	64.8	63.9	65.0
Tea (9/77=100), cif	0741	85.3	78.8	77.5	75.5	73.5	70.9	69.2	70.6	72.6	73.0	72.0	73.3
All other food items (9/77=100)[2]		36.2	34.9	36.4	37.5	37.3	38.7	39.7	41.2	41.6	41.1	41.2	40.9
Beverages and tobacco[2]	1	106.2	109.9	112.4	114.4	118.4	121.0	122.2	124.4	133.4	136.3	140.1	142.5
Beverages[2]	11	106.2	109.9	112.4	114.4	118.4	121.0	122.2	124.4	133.4	136.3	140.1	142.5
Alcoholic beverages[2]	112	106.2	109.9	112.4	114.4	118.4	121.0	122.2	124.4	133.4	136.3	140.1	142.5
Wine of fresh grapes, cif	1121	113.3	114.9	121.4	125.5	132.9	134.1	134.3	135.0	149.9	152.8	152.3	153.7
Beer (9/81=100), cif	1123	-	-	-	-	-	-	-	-	-	-	-	-
Spirits, cif	1124	103.7	106.9	107.5	108.0	111.9	118.3	120.5	125.4	135.1	139.2	147.4	151.9
Crude materials	2	-	-	-	-	-	-	-	-	-	-	-	-
Natural rubber (12/83=100)[2]	232	-	-	-	-	-	-	-	-	-	-	-	-
Wood (9/81=100)[2]	24	-	-	-	-	-	-	-	-	-	-	-	-
Hardwood and softwood lumber (9/81=100)[2]	248	-	-	-	-	-	-	-	-	-	-	-	-
Softwood lumber, cif	2482	120.0	119.0	120.7	122.9	132.2	130.6	145.9	123.4	121.0	110.2	111.8	114.2
Pulp and waste paper (12/81=100)[2]	25	-	-	-	-	-	-	-	-	-	-	-	-
Sulphate wood pulp (12/81=100), cif	2517	-	-	-	-	-	-	-	-	-	-	-	-
Crude fertilizers and crude materails (12/83=100)[2]	27	-	-	-	-	-	-	-	-	-	-	-	-
Crude vegetable and animal materials, n.e.s.[2]	29	-	-	-	-	-	-	-	-	-	-	-	-
Fuels and related products (6/82=100)[2]	3	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum and petroleum products:	33	-	-	-	-	-	-	-	-	-	-	-	-
Crude petroleum	333	101.6	101.1	101.1	102.1	110.1	135.2	165.5	184.5	232.9	244.0	247.3	252.6
Gas, natural and manufactured:	34	-	-	-	-	-	-	-	-	-	-	-	-
Gas, natural and manufactured:	341	-	-	-	-	-	-	-	-	-	-	-	-
Natural gas and LNG (9/81=100)[3]	3414	-	-	-	-	-	-	-	-	-	-	-	-
Fats and oils (9/83=100)	4	-	-	-	-	-	-	-	-	-	-	-	-
Vegetable oils (9/83=100)	42	-	-	-	-	-	-	-	-	-	-	-	-
Vegetable oils, fluid or solid (9/83=100)	424	-	-	-	-	-	-	-	-	-	-	-	-
Chemicals (9/82=100)	5	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1978				1979				1980			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Intermediate manufactured products (12/77=100)[2]	6	103.7	107.9	111.7	114.5	119.9	125.5	128.2	134.4	144.8	141.9	144.2	147.5
Leather and furskins[2]	61	104.4	109.0	116.6	124.8	137.5	145.9	152.5	146.0	140.6	141.6	141.5	144.7
Leather, fob fp	611	104.4	110.2	119.4	132.8	152.5	161.1	164.8	152.8	139.4	137.0	136.8	142.1
Rubber manufactures, n.e.s.[2]	62	103.0	106.8	109.7	110.9	116.0	118.8	120.4	126.5	135.4	138.3	142.8	144.0
Rubber tires and tubes, cif	625	102.7	107.3	109.6	110.9	117.2	120.0	121.6	128.8	136.9	140.1	145.2	146.6
Cork and wood manufactures[2]	63	106.5	109.2	109.8	111.3	122.1	126.0	129.3	128.9	130.6	130.1	133.4	132.4
Plywood and veneers, cif	634	106.7	109.1	111.2	114.2	130.5	137.4	140.6	136.9	142.5	139.8	139.7	137.5
Wood manufactures, n.e.s.[2]	635	106.6	108.4	107.4	107.3	112.6	113.0	116.5	119.8	117.1	119.1	126.3	126.7
Wood manufactures, n.e.s., cif	6359	108.8	110.8	107.6	106.6	111.4	111.3	110.5	113.9	109.4	111.8	121.7	122.4
Paper and paperboard products[2]	64	102.5	106.2	106.5	107.5	114.1	115.2	116.8	124.5	126.4	132.6	133.1	135.3
Paper and paperboard[2]	641	101.7	105.4	105.5	106.5	113.3	114.3	115.7	123.8	125.7	131.9	132.1	134.5
Newsprint, cif	6411	100.9	105.4	105.2	105.8	113.1	114.3	115.1	123.6	125.2	132.8	132.8	134.9
Textiles[2]	65	107.8	109.1	111.4	114.7	117.3	118.9	124.3	129.5	131.4	132.9	134.2	136.8
Woven cotton fabric, cif[4]	652	100.5	101.9	104.6	107.4	110.9	111.2	114.8	115.5	119.8	120.7	122.2	122.4
Woven man-made fabric (9/78=100), cif[4]	653	–	–	100.0	103.9	104.0	102.9	101.2	101.7	107.0	107.9	108.8	112.1
Misc. woven fabric, cif	654	114.6	113.0	114.3	122.9	126.8	131.0	151.2	180.5	169.1	161.9	152.5	153.2
Special textile fabrics and related products (9/77=100), cif	657	105.2	106.4	108.8	109.3	114.2	119.3	123.4	130.0	135.6	142.2	146.6	146.4
Articles made up chiefly of textile materials (9/78=100), cif[4]	658	–	–	100.0	103.2	106.4	106.3	115.8	116.1	117.4	119.6	120.3	121.1
Non-metallic mineral manufactures, n.e.s.	66	119.3	124.8	127.8	128.6	132.8	133.6	137.1	138.5	143.6	158.5	163.8	161.6
Mineral manufactures, n.e.s. (3/83=100)	663	–	–	–	–	–	–	–	–	–	–	–	–
Glassware[2]	665	104.6	105.0	108.3	111.0	118.5	119.9	125.3	125.5	138.1	135.9	139.6	137.7
Glassware used for table, kitchen, etc. (9/79=100), fob fp	6652	–	–	–	–	–	–	100.0	100.2	110.6	109.8	112.6	111.0
Pottery (9/77=100), fob fp	666	112.4	112.7	117.3	116.5	122.5	121.2	124.5	123.4	132.6	137.0	139.4	139.8
Precious, semi-precious stones and pearls:	667	–	–	–	–	–	–	–	–	–	–	–	–
Diamonds, cut and polished (6/82=100), cif	6672	–	–	–	–	–	–	–	–	–	–	–	–
Iron and steel (9/78=100)[2]	67	–	–	100.0	102.5	107.8	110.3	114.4	115.9	117.9	119.4	119.7	123.7
Pig iron,spiegeleisen, sponge iron, iron or steel powders and shot, and ferro-alloys (9/78=100), cif	671	–	–	100.0	106.8	108.4	118.2	121.5	125.2	136.3	139.9	140.2	140.8
Ingots and other primary forms of iron or steel (3/81=100), cif	672	–	–	–	–	–	–	–	–	–	–	–	–
Iron and steel bars, rods, angles, shapes and sections[2]	673	108.3	120.8	126.7	126.3	131.2	135.2	137.5	139.4	143.8	145.0	145.4	145.2
Wire rod of iron or steel, cif	6731	103.8	107.7	112.4	94.3	98.7	105.4	108.3	111.3	113.7	116.0	116.2	116.7
Wire rod of other than high carbon or alloy steel, cif	67311	102.6	107.7	111.7	116.2	121.3	130.4	132.2	135.5	138.5	139.8	140.0	140.8
Angles, shapes and sections and sheet piling, of iron and steel (9/78=100), cif	6733	–	–	100.0	104.6	107.7	109.4	111.6	112.7	117.4	118.4	118.7	118.7
Universals, plates and sheets, cif[2]	674	109.9	116.2	120.6	126.4	134.3	135.7	137.3	140.1	144.0	145.1	145.6	152.8
Tinned sheets and plates (6/79=100), cif	6747	–	–	–	–	–	100.0	104.7	107.8	109.5	115.4	115.2	117.5
Hoop and strip, of iron or steel (12/78=100), cif	675	–	–	–	100.0	102.8	105.4	107.9	109.2	112.1	115.8	116.4	117.3
Iron or steel wire, not insulated, cif	677	105.9	108.5	112.6	112.9	118.7	121.2	121.9	126.2	128.2	132.7	132.8	136.8
Tubes, pipes and fittings (3/78=100), cif	678	100.0	105.0	113.6	114.0	120.9	123.2	134.0	133.4	130.1	132.1	131.8	138.3
Non-ferrous metals (12/81=100)[2]	68	–	–	–	–	–	–	–	–	–	–	–	–
Silver, platinum and other metals of the platinum group (3/82=100), cif	681	–	–	–	–	–	–	–	–	–	–	–	–
Copper[2]	682	87.8	91.7	98.0	99.4	102.8	132.4	122.2	125.0	126.9	125.3	123.5	122.5
Copper and copper alloys, worked (6/78=100), cif	6822	–	100.0	104.0	110.5	125.6	132.4	135.8	148.7	157.4	149.8	149.9	145.3
Nickel (3/82=100), cif	683	–	–	–	–	–	–	–	–	–	–	–	–
Zinc[2]	686	84.5	85.1	87.7	91.4	96.9	107.1	101.9	101.9	103.3	102.5	100.5	103.1
Zinc and zinc alloys, unwrought, cif	6861	84.5	85.1	87.7	91.4	96.9	107.3	102.0	102.0	103.3	102.6	100.6	103.1
Tin (12/77=100), cif	687	93.6	95.0	102.6	112.7	120.0	120.5	120.9	131.0	143.4	140.2	138.6	132.2
Metal manufactures, n.e.s.[2]	69	105.8	108.9	113.9	116.9	118.2	118.8	119.5	120.9	122.1	123.9	127.2	127.9
Wire products and fencing grills (9/78=100)[2]	693	–	–	100.0	103.5	106.6	110.2	109.2	108.2	106.5	109.2	107.0	107.3
Stranded wire, cables, ropes, etc. of iron, steel, copper or aluminum (6/80=100), cif	6931	–	–	–	–	–	–	–	–	–	100.0	97.0	97.2
Metal fasteners, cif[2]	694	102.4	110.3	119.3	125.0	124.1	122.0	121.9	121.8	122.3	124.9	126.1	125.6
Nuts, bolts, screws, washers, etc. cif	69402	103.0	110.5	119.9	126.2	124.7	122.2	121.8	121.9	122.4	125.9	127.6	126.7
Tools for use in hand or machines[2]	695	108.8	110.0	113.1	114.9	113.8	113.8	116.9	116.9	121.8	122.5	127.2	127.2
Misc. tools for use in hand, cif	6953	108.9	110.6	116.5	118.4	114.5	113.8	115.5	115.5	118.9	119.3	126.9	126.8
Interchangeable tools for hand tools or machine tools (6/80=100)[2], cif	6954	–	–	–	–	–	–	–	–	–	100.0	100.0	100.6
Cutlery, fob fp	696	107.5	108.6	113.0	115.3	114.6	114.3	116.3	115.7	114.0	114.8	117.2	117.1
Household equipment of base metal, n.e.s., fob fp	697	103.8	104.8	107.8	110.5	113.9	114.6	116.4	118.3	120.5	122.8	127.8	131.1
Manufactures of base metal, n.e.s. (12/80=100)[2]	699	–	–	–	–	–	–	–	–	–	–	–	100.0
Locksmith's wares and hardware, n.e.s., of base metal, cif	6991	106.9	106.7	114.0	113.4	114.2	120.2	115.7	125.1	126.4	129.4	141.1	140.6
Articles of iron or steel, n.e.s., cif	6997	105.5	105.7	105.8	107.1	109.3	109.5	108.9	111.9	111.4	112.0	112.2	118.2
Machinery and transport equipment (6/81=100)[2]	7	–	–	–	–	–	–	–	–	–	–	–	–
Power generating machinery and equipment:	71	–	–	–	–	–	–	–	–	–	–	–	–
Electric motors, generators, and other rotating plant	716	106.0	106.5	112.0	114.6	109.5	110.2	113.1	118.7	119.7	118.2	118.4	115.9

See footnotes at end of table.

Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1978				1979				1980			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Machinery specialized for particular industries (9/78=100)[2]	72	-	-	-	-	-	-	-	-	-	-	-	-
Civil engineering and contractors' plant and equipment and parts (9/81=100), cif	723	-	-	-	-	-	-	-	-	-	-	-	-
Textile and leather machinery and parts[2]	724	111.0	111.9	115.9	120.0	122.8	124.3	128.6	130.1	134.0	134.6	138.1	139.1
Textile machinery and parts (3/80=100), fob fp[3]	724	-	-	-	-	-	-	-	-	100.0	101.0	103.6	104.5
Sewing machines, fob fp	7243	113.6	114.3	121.8	125.4	127.3	125.4	126.7	124.4	124.9	124.9	128.7	128.3
Spinning, twisting etc. machines and parts (3/80=100), fob fp	7244	-	-	-	-	-	-	-	-	100.0	102.6	105.3	105.2
Weaving, knitting etc. machines (3/80=100), fob fp	7245	-	-	-	-	-	-	-	-	100.0	97.3	98.8	101.8
Auxiliary machines and parts for 724.5 (3/80=100), fob fp	7246	-	-	-	-	-	-	-	-	100.0	99.9	104.4	105.5
Textile finishing machinery (6/80=100), fob fp	7247	-	-	-	-	-	-	-	-	-	100.0	101.6	101.4
Machinery specialized for particular industries, n.e.s. (6/81=100), fob fp	728	-	-	-	-	-	-	-	-	-	-	-	-
Metalworking machinery (3/80=100)[2]	73	-	-	-	-	-	-	-	-	100.0	100.7	104.4	103.7
Metalworking machine tools and parts (3/80=100)	736	-	-	-	-	-	-	-	-	100.0	101.1	105.3	105.0
Metalworking machine-tools, fob fp[3]	736	110.8	108.5	112.9	116.9	119.6	121.6	129.3	131.1	132.9	134.8	140.9	141.3
Parts, n.e.s. of metalworking machine tolls (12/79=100), fob fp[3]	736	-	-	-	-	-	-	-	100.0	103.7	103.4	106.0	102.5
General industrial machinery and parts, (6/81=100), n.e.s.[2]	74	-	-	-	-	-	-	-	-	-	-	-	-
Heating and cooling equipment and part, n.e.s. (6/80=100), fob fp	741	-	-	-	-	-	-	-	-	-	100.0	103.9	105.0
Machinery that treats materials by a process involving a change of temperature (6/80=100), fob fp	7416	-	-	-	-	-	-	-	-	-	100.0	103.9	106.3
Pumps for liquids and parts, n.e.s. (6/80=100), cif	742	-	-	-	-	-	-	-	-	-	100.0	102.4	104.7
Pumps, compressors, fans, blowers, centrifuges, and filtering apparatus and parts n.e.s. (3/80=100), fob fp	743	-	-	-	-	-	-	-	-	100.0	102.6	105.4	104.9
Air pumps, vacuum pumps, air or gas compressors and parts, n.e.s. (6/80=100), fob fp[3]	743	-	-	-	-	-	-	-	-	-	100.0	102.6	102.5
Fans, blowers and parts, n.e.s. (12/80=100), fob fp	7434	-	-	-	-	-	-	-	-	-	-	-	100.0
Mechanical handling equipment (3/82=100), fob fp	744	-	-	-	-	-	-	-	-	-	-	-	-
Misc. non-electrical apparatus, n.e.s. (9/80=100)	745	-	-	-	-	-	-	-	-	-	-	100.0	99.7
Motorized non-electrical hand tools (6/80=100), fob fp	7451	-	-	-	-	-	-	-	-	-	100.0	100.1	100.0
Packaging, weighing, similar non-elec. machinery, and parts, n.e.s. (3/80=100), fob fp	7452	-	-	-	-	-	-	-	-	100.0	102.6	107.0	106.5
Non-electric parts and accessories of machinery, n.e.s. (12/79=100), fob fp[2]	749	-	-	-	-	-	-	-	100.0	106.0	106.8	109.6	110.2
Ball, roller and needle roller bearings (3/80=100), fob fp	7491	-	-	-	-	-	-	-	-	100.0	100.5	101.9	101.3
Taps, cocks, valves and similar appliances for liquid flow control (12/78=100), fob fp	7492	-	-	-	100.0	105.1	105.9	120.6	120.9	124.3	127.8	130.5	137.9
Clutches and transmission devices (3/80=100), fob fp	7493	-	-	-	-	-	-	-	-	100.0	99.1	103.7	100.7
Office machines and automatic data processing equipment (3/80=100)[2]	75	-	-	-	-	-	-	-	-	100.0	100.4	100.5	99.2
Office machines, fob fp	751	101.1	102.3	109.9	114.8	112.2	107.4	107.6	104.4	104.5	104.6	104.9	103.6
Parts, n.e.s. and accessories suitable for use in 751 or 752 (3/80=100), fob fp	759	-	-	-	-	-	-	-	-	100.0	101.0	100.9	98.8
Telecommunications, sound recording and reproducing apparatus (3/80=100)[2]	76	-	-	-	-	-	-	-	-	100.0	101.5	101.8	103.5
Radio broadcast receivers, fob fp	762	106.0	108.5	113.6	112.7	112.9	107.8	108.0	105.3	105.1	106.3	106.4	107.7
Telecommunications equip. n.e.s., parts and and accessories for equip. in 76 (3/80=100), fob fp[2]	764	-	-	-	-	-	-	-	-	100.0	101.8	102.3	103.8
Microphones, loudspeakers and audio-frequency electric amplifiers, fob fp	7642	103.0	104.6	110.8	114.6	116.2	114.5	112.8	112.2	110.7	112.1	114.2	117.5
Electrical machinery and equipment (12/81=100)[2]	77	-	-	-	-	-	-	-	-	-	-	-	-
Electric power machinery and parts, n.e.s. (3/79=100)[2]	771	-	-	-	-	100.0	98.8	100.4	100.7	105.4	107.7	112.9	112.8
Miscellaneous electric power machinery, including rectifiers and inductors, fob fp	7712	108.6	109.8	109.7	119.1	116.1	113.2	111.8	111.0	116.1	118.3	122.5	121.7
Electrical apparatus for making, breaking and protecting circuits, fob fp	772	110.6	111.9	121.8	126.5	129.4	126.0	128.7	127.4	130.5	132.1	130.2	131.6
Household appliances, fob fp[2]	775	105.4	107.1	111.9	108.7	110.7	112.2	114.4	115.5	117.2	119.3	120.3	119.7
Electro-thermal appliances, fob fp	7758	104.4	105.5	110.3	105.6	108.0	109.2	110.0	110.8	111.6	113.6	112.6	111.6
Electronic components (June 1983=100)	776	97.9	98.7	107.1	107.7	126.5	125.0	106.2	104.8	106.4	108.2	119.0	108.0
Misc. electric equipment[2]	778	107.9	108.3	114.0	109.4	110.7	105.9	110.4	111.4	118.2	121.1	124.1	124.7
Batteries and accumulators (12/79=100), fob fp	7781	-	-	-	-	-	-	-	100.0	101.1	104.2	106.7	110.5
Electric lamps, fob fp	7782	107.3	104.6	105.6	102.1	103.7	86.6	87.1	86.5	89.9	92.0	93.3	92.9
Automotive electric equipment, fob fp	7783	111.6	113.0	115.1	123.7	128.8	129.0	142.9	141.6	154.1	155.3	162.0	162.4
Miscellaneous electric machinery and parts, fob fp	7788	109.8	110.7	118.9	107.4	108.1	106.3	110.6	113.3	121.7	125.5	128.2	128.2
Road vehicles and parts (6/81=100)[2]	78	-	-	-	-	-	-	-	-	-	-	-	-
Passenger automobiles (6/81=100)[3]	781	-	-	-	-	-	-	-	-	-	-	-	-
Parts for motor vehicles:	784	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977 = 100 unless otherwise specified]

Category	1974 SITC	1978				1979				1980			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Parts for motor vehicles, non-APTA[3]	7849	109.4	109.4	114.1	115.3	119.2	119.4	122.1	125.5	130.4	133.8	138.2	140.2
Cycles, motorized and non-motorized, fob fp:	785	–	–	–	–	–	–	–	–	–	–	–	–
Parts for cycles, not motorized, fob fp[3]	78539	109.2	108.2	113.2	115.5	118.0	117.2	119.3	121.8	128.3	129.5	133.0	132.1
Misc. manufactured articles (3/80 = 100)[2]	8	–	–	–	–	–	–	–	–	100.0	99.1	100.2	100.2
Misc. manufactured articles excluding gold and silver coins (6/82 = 100)[3]	8	–	–	–	–	–	–	–	–	–	–	–	–
Plumbing, heating and lighting fixtures (6/80 = 100)	81	–	–	–	–	–	–	–	–	–	100.0	100.8	101.5
Furniture and parts (6/80 = 100)	82	–	–	–	–	–	–	–	–	–	100.0	102.2	101.3
Clothing (9/77 = 100)[2]	84	102.7	103.0	104.4	106.4	110.2	112.2	114.1	115.2	117.1	118.4	119.5	121.1
Woven outerwear, men's and boys'[2]	842	105.8	105.3	105.7	110.7	113.1	114.9	121.1	121.1	126.6	128.0	130.0	132.1
Woven coats, men's and boys' (9/79 = 100), fob fp[4]	8421	–	–	–	–	–	–	100.0	99.9	104.6	103.5	105.2	106.8
Woven pants, men's and boys', fob fp[4]	8423	100.2	99.7	99.7	103.3	101.8	102.2	112.6	111.8	119.3	122.6	124.0	126.7
Woven undergarments[2]	844	107.8	107.6	113.7	115.0	124.0	127.7	131.8	133.9	134.7	136.0	136.7	138.7
Woven shirts, men's and boys', fob fp[4]	8441	108.4	108.2	114.7	116.1	125.2	128.9	133.0	135.2	136.0	137.3	138.0	140.0
Knitted outergear[2]	845	100.4	100.3	101.9	103.3	111.9	112.1	116.1	120.0	122.1	121.0	123.9	127.3
Knitted sweaters, cif[4]	8451	99.6	100.9	102.9	104.3	105.6	106.0	104.9	108.6	111.6	110.6	113.0	116.1
Knitted undergarments[2]	846	103.4	104.8	107.5	112.3	114.6	115.5	115.2	114.4	121.5	122.9	124.9	126.3
Knitted cotton undergarments (12/79 = 100), fob fp[4]	8462	–	–	–	–	–	–	–	100.0	109.3	110.2	110.8	113.8
Headwear and non-textile apparel[2]	848	105.5	108.0	108.7	111.0	117.7	126.4	130.2	130.3	132.9	133.8	134.9	135.5
Leather apparel, fob fp[4]	8481	105.2	108.0	108.7	110.0	117.5	129.7	134.7	134.2	135.3	135.0	136.0	135.3
Plastic and rubber apparel (3/80 = 100), fob fp	8482	–	–	–	–	–	–	–	–	100.0	100.3	100.4	101.2
Footwear:	85	–	–	–	–	–	–	–	–	–	–	–	–
Footwear:	851	–	–	–	–	–	–	–	–	–	–	–	–
Footwear, cif[2]	8510	108.0	109.1	114.2	117.8	124.3	130.9	134.1	135.5	137.6	139.6	140.4	140.7
Athletic footwear, cif[3]	8510	105.3	104.4	108.9	112.0	115.5	122.6	128.5	130.1	132.6	134.6	135.2	134.4
Professional, scientific and controlling instruments and apparatus (12/79 = 100)[2]	87	–	–	–	–	–	–	–	100.0	102.5	104.6	105.5	106.0
Optical instruments and apparatus (12/79 = 100), fob fp	871	–	–	–	–	–	–	–	100.0	103.5	105.8	111.2	111.9
Medical instruments and appliances (12/79 = 100), fob fp	872	–	–	–	–	–	–	–	100.0	102.3	103.1	104.7	103.9
Measuring and controlling instruments and apparatus (12/79 = 100), fob fp	874	–	–	–	–	–	–	–	100.0	102.8	104.0	104.2	105.2
Electrical or electronic measuring and controlling instruments and apparatus (12/79 = 100), fob fp	8748	–	–	–	–	–	–	–	100.0	102.9	102.6	102.7	104.1
Photographic apparatus and supplies, optical goods, watches and clocks (3/80 = 100)[2]	88	–	–	–	–	–	–	–	–	100.0	101.6	102.9	102.8
Photographic apparatus and equipment (3/80 = 100)	881	–	–	–	–	–	–	–	–	100.0	101.5	103.2	104.9
Photographic and cinematographic supplies (3/80 = 100)	882	–	–	–	–	–	–	–	–	100.0	103.1	103.2	103.1
Optical goods (6/80 = 100)	884	–	–	–	–	–	–	–	–	–	100.0	101.4	102.1
Optical elements, lenses, prisms (3/80 = 100), fob fp	8841	–	–	–	–	–	–	–	–	100.0	102.8	103.9	105.5
Spectacles and spectacle frames (3/80 = 100), fob fp	8842	–	–	–	–	–	–	–	–	100.0	99.7	101.6	101.0
Watches and clocks (6/80 = 100)	885	–	–	–	–	–	–	–	–	–	100.0	101.5	99.9
Watches and clocks (3/80 = 100), fob fp[4]	8851	–	–	–	–	–	–	–	–	100.0	101.5	103.8	101.9
Clocks, clock movements and parts (3/80 = 100), fob fp[4]	8852	–	–	–	–	–	–	–	–	100.0	99.9	99.5	98.6
Misc. manufactured articles, n.e.s. (6/82 = 100)[2]	89	–	–	–	–	–	–	–	–	–	–	–	–
Misc. manufactured articles, n.e.s. excl. gold and silver coins (6/82 = 100)[3]	89	–	–	–	–	–	–	–	–	–	–	–	–
Toys, games and sporting goods (12/80 = 100), fob fp[2]	894	–	–	–	–	–	–	–	–	–	–	–	100.0
Toys and games (12/80 = 100), fob fp	8942	–	–	–	–	–	–	–	–	–	–	–	100.0
Sporting goods (3/81 = 100), fob fp	8947	–	–	–	–	–	–	–	–	–	–	–	–
Works of art, antiques, collectors' pieces incl. gold and silver coins:	896	–	–	–	–	–	–	–	–	–	–	–	–
Collectors' pieces incl. gold and silver coins (6/82 = 100)	89605	–	–	–	–	–	–	–	–	–	–	–	–
Musical instruments and accessories; record blanks and phonograph records (9/79 = 100)	898	–	–	–	–	–	–	100.0	80.3	81.9	81.4	83.4	84.0
Musical instruments (3/81 = 100)[3]	898	–	–	–	–	–	–	–	–	–	–	–	–
Commodities not elsewhere classified:	9	–	–	–	–	–	–	–	–	–	–	–	–
Gold, non-monetary (6/82 = 100)	971	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

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Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1981				1982				1983			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
All commodities (9/82=100)		–	–	–	–	–	–	100.0	99.8	97.0	97.2	96.9	97.3
All commodities, ex fuels and related products (9/82=100)[3]		–	–	–	–	–	–	100.0	99.8	100.8	101.8	101.4	101.9
Food (9/77=100)	0	104.6	97.8	98.8	96.5	96.5	91.5	94.1	96.7	97.8	97.9	99.2	100.4
Meat[2]	01	148.2	142.4	144.8	144.0	141.3	141.6	142.2	143.4	142.0	137.9	139.4	134.1
Meat and edible meat offals, fresh, chilled or frozen (9/77=100)[2]	011	167.8	160.7	161.2	159.0	157.2	158.7	158.0	159.5	159.0	158.7	160.3	152.7
Meat of bovine animals, cif	0111	183.4	172.1	169.6	166.9	165.9	165.3	160.7	160.8	165.3	171.3	170.5	159.1
Meat and edible meat offals, prepared or preserved, n.e.s.; fish extracts[2]	014	114.3	111.0	117.6	119.3	114.5	112.6	115.9	116.5	113.0	100.9	102.5	101.7
Other prepared or preserved meat, cif	0149	114.3	111.2	118.0	119.7	114.6	112.6	116.1	116.7	113.0	100.6	102.3	101.5
Dairy products and eggs (6/81=100)[2]	02	–	100.0	100.5	102.1	103.4	103.4	102.4	102.4	102.6	101.5	99.9	99.6
Cheese and curd (6/77=100), fob fp	024	125.4	126.3	126.8	128.9	130.7	130.7	130.1	130.1	130.4	129.0	126.9	126.5
Fish[2]	03	134.6	134.8	130.2	133.2	136.0	135.8	133.5	135.4	134.7	133.9	135.2	136.0
Fish, fresh, chilled or frozen (12/77=100), cif	034	135.5	134.2	129.1	129.6	129.4	125.0	119.9	121.3	122.4	118.3	117.3	118.8
Shellfish, fresh, chilled, frozen, salted, or dried, cif	036	132.6	134.8	129.2	135.2	143.5	149.0	150.4	154.4	152.1	154.6	159.8	159.9
Fish in airtight containers (9/77=100), cif	037	116.1	115.2	116.5	117.1	112.7	109.2	104.4	101.5	100.5	100.2	97.6	99.1
Fish prepared or preserved, n.e.s. (9/77=100), cif	0371	126.1	121.8	120.5	120.6	114.2	109.7	106.1	102.4	101.8	98.7	96.2	99.0
Crustaceans and molluscs, prepared or preserved, n.e.s. (9/77=100), cif	0372	121.1	127.5	134.2	136.0	134.5	132.0	124.2	122.2	120.0	124.7	121.6	120.9
Bakery goods, pasta products, grain and grain preparations (9/77=100)	04	139.7	138.1	136.8	140.5	138.5	137.4	132.8	128.9	130.6	131.0	132.3	132.7
Fruits and vegetables[2]	05	128.3	126.5	126.3	125.2	125.9	111.9	115.6	129.9	133.6	132.0	132.3	125.0
Vegetables, fresh, chilled or frozen (12/82=100), cif	054	–	–	–	–	–	–	–	100.0	113.2	110.4	109.3	82.5
Vegetables, roots and tubers, prepared or preserved, n.e.s.	056	115.5	114.3	112.7	113.1	114.5	109.9	111.3	107.6	102.3	99.9	101.5	105.0
Fruit and nuts (not including oil nuts), fresh or dried[2]	057	155.3	157.4	158.2	160.6	164.6	157.4	160.0	157.4	155.4	155.9	157.8	166.1
Edible nuts, fob fp	0577	131.7	135.5	133.5	122.8	123.3	103.7	107.6	105.1	96.1	106.3	111.1	130.0
Fruit, preserved, and fruit preparations[2]	058	108.8	113.1	114.2	114.8	119.8	120.8	120.3	120.4	116.6	115.9	115.5	123.5
Fruit, temporarily preserved, fob fp	0589	114.0	114.7	114.6	113.8	118.6	119.4	119.1	120.1	119.7	120.8	121.4	128.5
Sugar, sugar preparations and honey (3/82=100)	06	–	–	–	–	100.0	82.7	113.0	112.8	112.8	117.2	118.9	117.9
Sugar and honey (raw and refined) (3/82=100), cif	061	–	–	–	–	100.0	81.5	114.0	113.9	113.9	118.6	120.5	119.4
Coffee, tea, cocoa[2]	07	51.9	47.6	48.0	51.0	53.0	50.0	49.3	50.6	51.7	52.6	54.7	59.6
Coffee and coffee substitutes[2]	071	53.3	49.2	48.3	52.9	56.0	54.6	54.0	56.1	54.7	55.1	55.6	59.9
Coffee, cif	0711	51.9	47.9	47.0	51.5	54.4	53.1	52.5	54.5	53.0	53.7	54.1	58.8
Tea and mate[2]	074	65.5	64.1	61.1	61.5	62.2	61.5	65.6	64.2	67.3	70.5	71.8	91.7
Tea (9/77=100), cif	0741	73.8	72.2	68.8	69.2	70.1	69.3	74.0	72.4	75.9	79.5	81.0	103.5
All other food items (9/77=100)[2]		40.4	45.4	43.2	41.1	39.4	40.7	40.2	36.8	39.6	39.2	36.7	37.9
Beverages and tobacco[2]	1	143.9	147.7	149.5	150.4	151.5	153.0	153.9	154.3	154.9	153.8	153.7	155.4
Beverages[2]	11	143.9	147.7	149.5	150.4	151.5	153.0	153.9	154.3	154.9	153.5	153.5	152.7
Alcoholic beverages[2]	112	143.9	147.7	149.5	150.4	151.5	153.0	153.9	154.3	154.9	153.5	153.5	152.7
Wine of fresh grapes, cif	1121	157.8	162.2	161.9	162.2	163.3	165.5	166.8	167.4	168.5	164.9	162.7	160.7
Beer (9/81=100), cif	1123	–	–	100.0	101.7	101.5	101.7	101.3	103.5	103.5	101.8	101.6	101.1
Spirits, cif	1124	151.8	158.9	163.0	164.0	165.7	167.2	168.4	168.0	168.6	168.8	170.0	169.9
Crude materials	2	–	–	–	–	–	–	–	–	–	–	100.0	98.6
Natural rubber (12/83=100)[2]	232	–	–	–	–	–	–	–	–	–	–	–	100.0
Wood (9/81=100)[2]	24	–	–	100.0	95.6	94.0	95.7	94.8	99.4	106.2	124.2	110.0	107.2
Hardwood and softwood lumber (9/81=100)[2]	248	–	–	100.0	95.3	93.7	95.4	94.4	99.6	107.2	126.3	111.6	108.6
Softwood lumber, cif	2482	111.8	115.7	110.6	105.1	103.2	105.4	104.3	110.7	119.8	142.7	124.8	121.3
Pulp and waste paper (12/81=100)[2]	25	–	–	–	100.0	100.0	96.0	89.0	82.2	80.6	80.3	80.3	80.9
Sulphate wood pulp (12/81=100), cif	2517	–	–	–	100.0	100.1	95.2	88.0	81.2	79.7	79.0	79.1	79.8
Crude fertilizers and crude materails (12/83=100)[2]	27	–	–	–	–	–	–	–	–	–	–	–	100.0
Crude vegetable and animal materials, n.e.s.[2]	29	–	–	–	–	–	–	–	–	–	–	–	–
Fuels and related products (6/82=100)[2]	3	–	–	–	–	–	100.0	99.5	99.3	89.2	87.8	87.7	87.6
Petroleum and petroleum products:	33	–	–	–	–	–	–	–	–	–	–	–	–
Crude petroleum	333	272.9	267.6	261.3	262.1	257.2	253.8	253.3	252.0	224.8	219.7	218.5	218.5
Gas, natural and manufactured:	34	–	–	–	–	–	–	–	–	–	–	–	–
Gas, natural and manufactured:	341	–	–	–	–	–	–	–	–	–	–	–	–
Natural gas and LNG (9/81=100)[3]	3414	–	–	100.0	100.0	99.8	99.8	99.8	99.8	99.6	89.4	81.9	88.6
Fats and oils (9/83=100)	4	–	–	–	–	–	–	–	–	–	–	100.0	100.4
Vegetable oils (9/83=100)	42	–	–	–	–	–	–	–	–	–	–	100.0	100.5
Vegetable oils, fluid or solid (9/83=100)	424	–	–	–	–	–	–	–	–	–	–	100.0	100.6
Chemicals (9/82=100)	5	–	–	–	–	–	–	100.0	100.1	99.8	100.0	97.8	99.5

See footnotes at end of table.

Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977 = 100 unless otherwise specified]

Category	1974 SITC	1981				1982				1983			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Intermediate manufactured products (12/77 = 100)[2]	6	145.4	143.5	142.9	143.2	142.0	137.8	135.1	132.4	134.1	136.2	137.3	137.3
Leather and furskins[2]	61	144.0	139.2	141.0	144.3	139.8	135.8	137.3	134.6	136.6	133.2	136.6	137.6
Leather, fob fp	611	140.0	131.7	135.9	138.2	134.4	127.9	131.5	127.1	130.4	124.8	129.3	130.9
Rubber manufactures, n.e.s.[2]	62	146.4	147.2	147.1	147.7	148.8	148.7	147.9	146.0	145.7	142.6	141.0	141.1
Rubber tires and tubes, cif	625	148.6	149.4	149.5	150.2	151.6	152.1	150.7	149.0	147.4	144.2	143.6	143.6
Cork and wood manufactures[2]	63	133.2	134.9	133.7	128.6	128.7	126.9	123.8	122.6	126.7	134.3	138.2	134.7
Plywood and veneers, cif	634	139.7	142.5	139.5	131.6	133.2	129.2	123.8	123.3	128.2	133.0	137.0	133.1
Wood manufactures, n.e.s.[2]	635	125.9	126.5	127.2	125.0	123.4	124.0	123.2	123.4	126.0	136.6	140.4	137.4
Wood manufactures, n.e.s., cif	6359	120.4	120.6	122.5	117.9	116.7	115.9	115.6	116.4	120.5	137.4	134.5	135.3
Paper and paperboard products[2]	64	140.4	141.8	148.2	148.3	150.4	149.9	149.1	143.2	142.1	142.6	147.3	147.0
Paper and paperboard[2]	641	139.5	140.9	147.7	147.7	149.8	149.7	148.8	142.4	141.8	141.8	146.7	146.5
Newsprint, cif	6411	140.3	142.0	149.5	149.5	151.9	151.4	150.7	142.9	142.1	141.9	147.9	147.7
Textiles[2]	65	137.0	135.6	134.9	134.4	132.9	130.3	127.7	126.9	127.7	128.0	127.6	128.5
Woven cotton fabric, cif[4]	652	122.1	122.7	121.4	123.5	122.5	119.6	116.5	115.3	115.5	114.4	116.3	115.6
Woven man-made fabric (9/78 = 100), cif[4]	653	113.7	113.5	117.6	117.8	115.9	110.3	108.8	109.8	114.9	119.7	115.6	115.2
Misc. woven fabric, cif	654	151.9	144.7	142.9	137.9	131.9	128.1	130.0	129.0	130.6	130.2	131.7	138.7
Special textile fabrics and related products (9/77 = 100), cif	657	145.0	142.0	141.1	141.7	143.7	144.1	137.5	137.3	135.6	132.3	131.6	132.9
Articles made up chiefly of textile materials (9/78 = 100), cif[4]	658	120.2	120.8	122.0	119.8	117.8	116.1	114.7	114.0	112.4	109.6	110.0	111.6
Non-metallic mineral manufactures, n.e.s.	66	156.0	150.1	147.4	154.3	156.5	157.3	158.0	156.9	161.7	166.2	166.4	166.4
Mineral manufactures, n.e.s. (3/83 = 100)	663	–	–	–	–	–	–	–	–	100.0	99.9	104.3	105.1
Glassware[2]	665	140.8	139.3	137.1	139.5	139.7	140.4	137.4	135.4	141.9	139.9	136.2	138.8
Glassware used for table, kitchen, etc. (9/79 = 100), fob fp	6652	115.4	114.3	112.4	114.1	114.2	114.1	111.8	110.7	116.1	116.8	114.1	116.2
Pottery (9/77 = 100), fob fp	666	142.6	139.3	133.0	138.0	136.3	140.6	136.5	136.9	141.8	140.5	131.0	131.6
Precious, semi-precious stones and pearls:	667	–	–	–	–	–	–	–	–	–	–	–	–
Diamonds, cut and polished (6/82 = 100), cif	6672	–	–	–	–	–	100.0	103.5	103.1	107.1	113.8	116.8	115.4
Iron and steel (9/78 = 100)[2]	67	129.4	130.6	134.3	134.4	132.6	127.9	124.4	117.4	115.1	114.8	115.0	119.5
Pig iron,spiegeleisen, sponge iron, iron or steel powders and shot, and ferro-alloys (9/78 = 100), cif	671	138.7	136.5	132.9	131.3	131.8	131.2	129.6	112.6	103.8	110.3	106.7	108.6
Ingots and other primary forms of iron or steel (3/81 = 100), cif	672	100.0	102.2	103.8	102.1	97.6	93.8	85.6	–	–	–	–	–
Iron and steel bars, rods, angles, shapes and sections[2]	673	146.1	145.8	147.8	148.2	147.3	144.8	145.5	137.2	132.9	128.1	131.1	131.9
Wire rod of iron or steel, cif	6731	117.4	116.9	116.7	115.4	115.6	111.4	110.4	108.9	107.4	105.4	102.3	101.7
Wire rod of other than high carbon or alloy steel, cif	67311	144.0	145.1	145.0	144.6	145.6	139.9	138.8	138.4	136.9	134.2	128.5	127.9
Angles, shapes and sections and sheet piling, of iron and steel (9/78 = 100), cif	6733	120.3	120.7	120.3	121.7	120.9	120.0	123.0	114.9	105.5	102.8	107.6	108.0
Universals, plates and sheets, cif[2]	674	159.0	160.7	163.3	164.2	161.2	154.5	151.0	144.1	143.5	142.9	142.0	145.6
Tinned sheets and plates (6/79 = 100), cif	6747	118.4	119.8	120.2	121.3	121.2	121.3	121.2	122.3	121.9	120.0	119.1	117.3
Hoop and strip, of iron or steel (12/78 = 100), cif	675	115.2	117.6	117.2	119.8	118.5	117.5	116.6	115.1	113.6	113.3	112.0	110.7
Iron or steel wire, not insulated, cif	677	137.6	141.8	142.4	142.8	141.4	145.8	143.7	140.1	136.7	135.5	133.9	133.4
Tubes, pipes and fittings (3/78 = 100), cif	678	153.3	156.3	165.9	165.8	163.4	154.3	146.0	137.9	135.8	136.9	137.5	150.9
Non-ferrous metals (12/81 = 100)[2]	68	–	–	–	100.0	96.6	87.4	84.3	86.0	91.9	97.2	99.3	94.8
Silver, platinum and other metals of the platinum group (3/82 = 100), cif	681	..	–	–	–	100.0	87.6	94.0	110.9	126.0	129.8	135.5	117.5
Copper[2]	682	120.5	119.0	119.3	118.3	115.9	106.2	95.3	95.1	102.3	110.7	109.5	101.1
Copper and copper alloys, worked (6/78 = 100), cif	6822	138.0	131.4	130.5	129.3	126.4	123.0	123.0	118.7	125.6	126.2	124.4	124.2
Nickel (3/82 = 100), cif	683	–	–	–	–	100.0	98.2	91.7	73.4	69.5	81.1	80.7	82.1
Zinc[2]	686	112.3	119.9	127.1	122.9	114.6	97.8	101.7	104.2	103.0	103.1	110.5	124.4
Zinc and zinc alloys, unwrought, cif	6861	112.2	119.6	126.7	122.8	114.2	97.4	101.4	104.0	102.8	102.8	110.0	124.3
Tin (12/77 = 100), cif	687	121.5	112.8	122.9	128.8	125.2	108.2	98.5	99.1	105.5	110.0	106.9	106.4
Metal manufactures, n.e.s.[2]	69	129.1	127.7	125.8	127.3	126.2	125.1	121.9	120.2	120.1	119.3	118.0	118.9
Wire products and fencing grills (9/78 = 100)[2]	693	106.4	106.3	106.5	106.7	106.7	106.8	104.1	104.1	100.7	104.0	103.0	103.2
Stranded wire, cables, ropes, etc. of iron, steel, copper or aluminum (6/80 = 100), cif	6931	97.4	97.8	98.1	97.9	98.2	98.9	96.8	97.4	94.6	97.6	97.2	97.5
Metal fasteners, cif[2]	694	126.6	126.5	126.4	127.7	127.3	123.2	119.0	114.5	115.2	115.6	116.2	118.8
Nuts, bolts, screws, washers, etc. cif	69402	126.4	125.7	124.4	125.9	125.4	121.4	117.3	112.1	112.4	112.9	113.3	116.6
Tools for use in hand or machines[2]	695	128.9	131.2	130.9	133.8	133.1	132.6	132.5	130.4	133.6	130.7	127.8	129.2
Misc. tools for use in hand, cif	6953	126.9	124.8	123.9	124.8	124.1	122.4	122.1	120.2	120.3	119.6	117.6	118.9
Interchangeable tools for hand tools or machine tools (6/80 = 100), cif	6954	104.1	112.1	112.8	117.9	117.7	118.8	119.5	117.7	123.9	118.7	115.2	116.3
Cutlery, fob fp	696	118.7	116.6	114.1	116.4	115.1	114.8	107.7	106.2	107.2	105.3	101.5	102.9
Household equipment of base metal, n.e.s., fob fp	697	131.0	130.1	124.8	126.9	126.6	125.5	122.6	120.3	121.2	119.7	118.2	118.6
Manufactures of base metal, n.e.s. (12/80 = 100)[2]	699	101.8	97.9	95.5	96.4	94.6	95.0	92.2	92.7	91.7	91.2	90.5	90.0
Locksmith's wares and hardware, n.e.s., of base metal, cif	6991	140.3	138.4	138.4	141.8	136.9	138.2	135.6	140.0	133.0	133.6	134.1	134.6
Articles of iron or steel, n.e.s., cif	6997	127.0	121.2	116.7	116.2	113.6	114.6	110.0	109.2	107.4	107.6	105.4	102.7
Machinery and transport equipment (6/81 = 100)[2]	7	–	100.0	98.5	103.0	103.0	103.2	101.7	101.7	103.5	104.3	103.0	104.1
Power generating machinery and equipment:	71	–	–	–	–	–	–	–	–	–	–	–	–
Electric motors, generators, and other rotating plant	716	115.3	114.9	114.9	122.8	122.1	123.1	131.8	130.6	142.8	141.2	139.1	138.4

See footnotes at end of table.

Table 116. U.S. Import price indexes,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1981				1982				1983			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Machinery specialized for particular industries (9/78=100)[2]	72	-	-	-	100.0	102.2	102.8	100.9	99.7	103.6	104.2	101.2	100.8
Civil engineering and contractors' plant and equipment and parts (9/81=100), cif	723	-	-	100.0	102.5	104.4	105.8	105.5	106.0	106.0	106.5	106.5	105.9
Textile and leather machinery and parts[2]	724	137.8	134.8	132.1	137.0	136.5	135.4	132.5	130.3	134.1	134.7	130.9	131.8
Textile machinery and parts (3/80=100), fob fp[3]	724	103.5	100.6	98.4	101.7	101.3	101.1	100.1	98.9	101.9	102.5	99.9	100.2
Sewing machines, fob fp	7243	126.3	125.1	122.4	128.0	127.1	126.4	121.4	119.0	121.1	122.9	117.6	119.5
Spinning, twisting etc. machines and parts (3/80=100), fob fp	7244	103.9	101.0	98.6	102.2	100.6	101.2	102.1	100.7	103.9	107.1	103.7	104.1
Weaving, knitting etc. machines (3/80=100), fob fp	7245	103.8	101.9	101.2	105.3	106.6	101.7	97.9	94.5	99.7	97.8	96.9	97.5
Auxiliary machines and parts for 724.5 (3/80=100), fob fp	7246	103.6	100.5	97.0	100.4	98.7	102.2	100.7	101.3	103.5	102.4	99.5	99.7
Textile finishing machinery (6/80=100), fob fp	7247	96.1	91.8	90.2	91.1	92.4	92.5	90.3	90.2	89.9	88.4	85.4	85.3
Machinery specialized for particular industries, n.e.s. (6/81=100), fob fp	728	-	100.0	98.0	100.7	104.1	104.4	102.5	100.6	107.2	107.0	101.9	101.5
Metalworking machinery (3/80=100)[2]	73	102.7	98.3	94.4	99.1	97.7	100.8	96.4	94.0	98.9	97.5	96.0	95.7
Metalworking machine tools and parts (3/80=100)	736	104.6	100.3	96.6	101.6	100.5	103.9	99.8	97.6	102.8	100.9	99.4	99.0
Metalworking machine-tools, fob fp[3]	736	141.7	135.5	130.5	135.9	134.4	139.1	133.6	130.9	137.8	135.2	134.3	133.4
Parts, n.e.s. of metalworking machine tolls (12/79=100), fob fp[3]	736	98.9	95.7	92.7	102.0	101.2	104.0	99.7	97.0	102.2	100.7	95.1	96.1
General industrial machinery and parts, (6/81=100), n.e.s.[2]	74	-	100.0	96.2	99.3	98.8	98.2	95.7	94.6	95.8	95.8	93.4	93.5
Heating and cooling equipment and part, n.e.s. (6/80=100), fob fp	741	99.9	98.9	96.0	97.7	97.3	98.3	94.8	95.2	97.2	96.4	94.0	94.2
Machinery that treats materials by a process involving a change of temperature (6/80=100), fob fp	7416	100.3	100.6	99.3	100.4	98.8	98.7	94.3	95.5	96.1	95.4	94.3	94.6
Pumps for liquids and parts, n.e.s. (6/80=100), cif	742	112.3	111.0	108.2	109.6	105.8	96.3	95.1	94.4	93.5	96.2	94.6	94.6
Pumps, compressors, fans, blowers, centrifuges, and filtering apparatus and parts n.e.s. (3/80=100), fob fp	743	103.8	100.2	95.4	98.8	97.3	96.9	95.7	95.0	97.1	95.1	93.4	93.3
Air pumps, vacuum pumps, air or gas compressors and parts, n.e.s. (6/80=100), fob fp[3]	743	102.3	103.1	99.1	101.4	100.8	99.1	96.2	95.3	97.1	95.6	93.8	95.1
Fans, blowers and parts, n.e.s. (12/80=100), fob fp	7434	96.4	90.6	87.8	92.2	89.9	91.3	91.5	90.5	92.8	89.2	86.9	85.1
Mechanical handling equipment (3/82=100), fob fp	744	-	-	-	-	100.0	101.8	99.6	97.8	97.6	98.7	95.8	95.7
Misc. non-electrical apparatus, n.e.s. (9/80=100)	745	100.5	95.9	89.9	92.1	91.9	92.1	89.7	87.4	88.3	89.0	86.8	87.4
Motorized non-electrical hand tools (6/80=100), fob fp	7451	101.2	97.9	94.4	95.3	93.9	94.3	91.6	90.4	89.5	91.4	91.4	92.4
Packaging, weighing, similar non-elec. machinery, and parts, n.e.s. (3/80=100), fob fp	7452	107.0	100.9	92.6	96.0	96.8	96.7	94.6	91.0	93.5	93.2	89.1	89.5
Non-electric parts and accessories of machinery, n.e.s. (12/79=100), fob fp[2]	749	111.2	109.5	106.3	110.4	110.7	111.3	107.4	106.2	108.3	107.8	104.7	104.8
Ball, roller and needle roller bearings (3/80=100), fob fp	7491	102.8	102.2	98.5	102.8	103.4	103.2	101.1	98.7	98.9	98.7	95.7	94.7
Taps, cocks, valves and similar appliances for liquid flow control (12/78=100), fob fp	7492	142.7	141.2	135.8	138.5	140.3	142.4	136.1	136.5	139.9	139.3	135.6	137.2
Clutches and transmission devices (3/80=100), fob fp	7493	96.2	92.2	91.6	98.4	96.2	95.8	90.6	89.6	93.4	92.5	88.3	88.9
Office machines and automatic data processing equipment (3/80=100)[2]	75	100.5	99.2	96.9	97.9	96.2	95.9	94.8	93.1	95.5	95.3	94.0	96.9
Office machines, fob fp	751	102.4	101.0	97.3	98.4	97.3	96.9	94.5	91.1	91.9	91.6	89.0	91.4
Parts, n.e.s. and accessories suitable for use in 751 or 752 (3/80=100), fob fp	759	104.0	102.1	100.1	101.6	99.7	98.9	98.7	98.0	103.8	103.8	103.5	108.5
Telecommunications, sound recording and reproducing apparatus (3/80=100)[2]	76	104.8	104.3	103.1	103.1	101.8	99.8	97.5	96.1	96.7	97.2	96.5	94.9
Radio broadcast receivers, fob fp	762	107.7	105.8	105.1	104.3	102.5	98.0	95.3	93.2	94.6	92.9	92.2	91.4
Telecommunications equip. n.e.s., parts and and accessories for equip. in 76 (3/80=100), fob fp[2]	764	104.4	104.3	102.8	104.0	102.8	101.6	100.2	99.6	100.1	100.5	100.2	97.6
Microphones, loudspeakers and audio-frequency electric amplifiers, fob fp	7642	119.5	117.9	116.3	113.0	112.7	111.2	110.1	105.2	105.9	108.2	108.6	109.0
Electrical machinery and equipment (12/81=100)[2]	77	-	-	-	100.0	98.7	98.1	98.5	97.1	96.6	98.4	96.4	95.9
Electric power machinery and parts, n.e.s. (3/79=100)[2]	771	113.7	114.4	113.5	116.2	114.9	114.4	111.7	106.7	106.3	108.4	107.4	104.4
Miscellaneous electric power machinery, including rectifiers and inductors, fob fp	7712	121.8	123.7	122.7	124.6	123.3	122.5	120.5	113.9	117.1	120.2	118.5	118.9
Electrical apparatus for making, breaking and protecting circuits, fob fp	772	129.4	122.2	118.2	124.8	123.9	123.1	118.3	118.2	120.6	119.7	117.2	117.4
Household appliances, fob fp[2]	775	120.2	118.5	117.9	119.3	115.9	114.3	113.0	107.4	105.2	103.5	101.5	102.5
Electro-thermal appliances, fob fp	7758	111.4	110.2	111.6	113.3	108.6	106.5	105.8	100.0	96.5	94.7	92.0	93.3
Electronic components (June 1983=100)	776	101.3	105.6	97.4	111.5	110.1	109.1	113.6	111.9	110.1	114.7	112.4	110.9
Misc. electric equipment[2]	778	123.4	121.3	118.0	118.8	117.6	117.1	113.2	113.9	114.6	115.1	111.7	113.2
Batteries and accumulators (12/79=100), fob fp	7781	111.0	109.3	106.1	105.7	103.0	103.2	101.7	101.7	101.4	101.4	100.9	98.1
Electric lamps, fob fp	7782	94.2	95.3	93.3	95.7	93.6	93.7	89.5	89.3	92.3	92.2	89.1	91.6
Automotive electric equipment, fob fp	7783	161.5	163.5	156.0	154.0	149.4	151.7	147.5	142.9	148.2	148.2	144.9	147.7
Miscellaneous electric machinery and parts, fob fp	7788	125.6	121.6	118.9	120.5	120.6	118.7	114.6	117.4	116.8	117.8	113.5	115.6
Road vehicles and parts (6/81=100)[2]	78	-	100.0	99.5	105.4	105.7	105.7	104.1	105.2	107.0	107.4	106.7	109.5
Passenger automobiles (6/81=100)[3]	781	-	100.0	99.2	106.5	106.2	106.0	104.6	106.4	107.8	108.4	108.0	111.5
Parts for motor vehicles:	784	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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Table 116. U.S. import price indexes,[1] 1975-83—Continued

[June 1977=100 unless otherwise specified]

Category	1974 SITC	1981				1982				1983			
		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
Parts for motor vehicles, non-APTA[3]	7849	140.2	136.9	134.0	137.7	137.8	137.8	131.4	127.9	134.8	134.6	130.2	130.6
Cycles, motorized and non-motorized, fob fp:	785	-	-	-	-	-	-	-	-	-	-	-	-
Parts for cycles, not motorized, fob fp[3]	78539	134.5	131.7	127.8	136.7	135.0	134.7	130.6	131.5	128.1	131.0	130.8	132.9
Misc. manufactured articles (3/80=100)[2]	8	101.5	101.4	99.7	101.0	100.1	100.1	101.9	101.4	101.1	100.4	100.2	100.0
Misc. manufactured articles excluding gold and silver coins (6/82=100)[3]	8	-	-	-	-	-	100.0	98.1	97.0	97.1	96.6	96.4	96.9
Plumbing, heating and lighting fixtures (6/80=100)	81	102.0	101.8	102.6	104.1	104.1	104.6	101.4	99.6	101.4	107.3	107.9	108.2
Furniture and parts (6/80=100)	82	102.0	98.4	96.1	101.5	100.9	101.1	99.5	95.9	97.6	98.2	96.1	94.7
Clothing (9/77=100)[2]	84	122.6	125.3	125.3	127.2	127.9	128.5	126.8	126.4	125.1	125.1	125.6	128.5
Woven outerwear, men's and boys'[2]	842	134.1	135.3	135.6	136.2	138.2	139.2	137.1	136.2	133.9	133.6	133.5	135.1
Woven coats, men's and boys' (9/79=100), fob fp[4]	8421	109.0	109.3	110.0	109.5	108.5	109.8	111.9	110.7	109.7	106.4	107.8	109.0
Woven pants, men's and boys', fob fp[4]	8423	129.0	129.0	130.3	132.4	136.2	136.1	130.1	127.9	123.0	126.6	125.9	127.2
Woven undergarments[2]	844	139.8	141.7	139.6	145.1	146.6	148.4	146.3	145.4	143.7	143.7	142.8	145.9
Woven shirts, men's and boys', fob fp[4]	8441	140.6	142.6	140.4	145.8	147.1	148.9	146.8	145.8	144.0	144.0	142.4	145.7
Knitted outergear[2]	845	128.9	124.9	123.1	127.3	127.0	129.2	128.4	127.9	125.1	126.5	123.6	134.3
Knitted sweaters, cif[4]	8451	121.2	118.4	118.2	118.7	118.4	120.7	119.4	118.4	118.8	120.6	116.9	124.3
Knitted undergarments[2]	846	128.9	129.5	130.5	131.9	132.8	133.2	133.6	134.0	133.0	135.5	137.7	137.2
Knitted cotton undergarments (12/79=100), fob fp[4]	8462	113.7	113.9	115.0	120.2	120.2	119.9	113.7	121.6	121.3	119.1	113.4	114.3
Headwear and non-textile apparel[2]	848	136.6	138.7	140.2	141.2	139.9	139.6	136.9	136.9	139.5	136.7	134.8	137.0
Leather apparel, fob fp[4]	8481	135.8	138.8	139.7	141.3	139.2	140.3	136.2	138.7	143.8	137.2	134.5	137.3
Plastic and rubber apparel (3/80=100), fob fp	8482	102.5	102.4	104.4	103.4	103.9	102.7	102.6	100.7	100.8	101.7	101.8	103.6
Footwear:	85	-	-	-	-	-	-	-	-	-	-	-	-
Footwear:	851	-	-	-	-	-	-	-	-	-	-	-	-
Footwear, cif[2]	8510	144.7	143.8	142.2	139.8	138.9	139.0	137.6	136.6	136.9	134.6	137.0	136.0
Athletic footwear, cif[3]	8510	136.3	133.4	132.0	131.4	131.4	129.5	127.7	130.9	132.1	130.0	131.4	133.2
Professional, scientific and controlling instruments and apparatus (12/79=100)[2]	87	107.5	105.4	100.5	104.5	104.7	104.7	101.2	98.5	100.7	99.4	96.8	97.6
Optical instruments and apparatus (12/79=100), fob fp	871	113.9	112.5	110.8	112.8	113.4	111.4	109.2	107.2	109.7	109.2	107.7	108.6
Medical instruments and appliances (12/79=100), fob fp	872	101.3	98.2	95.6	99.4	97.2	98.2	94.0	93.1	97.5	96.4	92.5	92.6
Measuring and controlling instruments and apparatus (12/79=100), fob fp	874	107.9	106.1	100.2	104.6	104.8	105.1	101.2	97.7	99.3	97.7	95.8	96.6
Electrical or electronic measuring and controlling instruments and apparatus (12/79=100), fob fp	8748	107.6	106.3	100.9	104.2	105.2	105.9	101.9	100.3	102.3	99.8	98.2	99.3
Photographic apparatus and supplies, optical goods, watches and clocks (3/80=100)[2]	88	103.9	102.0	98.7	100.9	97.7	95.7	91.9	90.6	92.8	91.5	89.7	90.6
Photographic apparatus and equipment (3/80=100)	881	107.5	105.8	103.2	104.1	101.8	98.0	93.5	92.2	92.9	92.0	90.4	90.7
Photographic and cinematographic supplies (3/80=100)	882	112.0	112.6	110.6	110.8	105.3	105.5	104.6	104.7	104.7	103.7	103.6	105.8
Optical goods (6/80=100)	884	101.6	99.4	96.3	98.9	97.7	96.8	91.7	90.0	94.3	93.2	90.3	90.5
Optical elements, lenses, prisms (3/80=100), fob fp	8841	107.6	104.3	100.7	103.3	102.0	100.0	92.6	90.6	96.0	94.3	91.5	91.7
Spectacles and spectacle frames (3/80=100), fob fp	8842	97.4	96.5	93.9	96.7	95.5	95.8	93.3	92.0	95.0	94.6	91.6	91.8
Watches and clocks (6/80=100)	885	97.1	93.8	89.5	93.3	89.7	87.0	83.0	81.2	84.2	82.5	80.2	81.0
Watches and clocks (3/80=100), fob fp[4]	8851	98.9	95.1	90.1	94.3	90.0	86.3	81.7	79.6	83.5	81.2	79.3	79.9
Clocks, clock movements and parts (3/80=100), fob fp[4]	8852	96.2	94.0	91.3	94.1	92.2	91.9	89.1	87.8	89.0	88.7	85.2	86.7
Misc. manufactured articles, n.e.s. (6/82=100)[2]	89	-	-	-	-	-	100.0	109.9	110.3	108.8	107.7	107.5	104.9
Misc. manufactured articles, n.e.s. excl. gold and silver coins (6/82=100)[3]	89	-	-	-	-	-	100.0	98.3	96.8	96.7	96.3	95.9	94.7
Toys, games and sporting goods (12/80=100), fob fp[2]	894	101.3	100.7	100.5	101.9	101.5	101.5	101.1	99.7	100.6	99.7	99.3	97.0
Toys and games (12/80=100), fob fp	8942	101.4	101.3	100.9	102.4	102.0	102.3	101.8	99.7	101.2	99.7	98.9	97.1
Sporting goods (3/81=100), fob fp	8947	100.0	97.6	98.2	99.5	99.0	97.2	97.4	98.3	97.8	99.0	100.2	95.8
Works of art, antiques, collectors' pieces incl. gold and silver coins:	896	-	-	-	-	-	-	-	-	-	-	-	-
Collectors' pieces incl. gold and silver coins (6/82=100)	89605	-	-	-	-	-	100.0	133.1	137.0	133.0	130.4	130.7	125.3
Musical instruments and accessories; record blanks and phonograph records (9/79=100)	898	84.8	81.6	79.6	80.6	81.8	80.5	76.1	74.0	75.3	73.8	72.7	72.2
Musical instruments (3/81=100)[3]	898	100.0	96.6	94.2	97.4	97.3	98.3	92.2	91.0	95.2	96.5	94.6	95.9
Commodities not elsewhere classified:	9	-	-	-	-	-	-	-	-	-	-	-	-
Gold, non-monetary (6/82=100)	971	-	-	-	-	-	100.0	133.1	137.0	133.0	130.4	130.7	125.3

[1] Indexes have been weighted using 1980 import value and product classification system.

[2] Product categories included in this SITC have been modified due to concordance or coverage limitations.

[3] Also includes price data in categories not shown separately.

[4] Products in this SITC have been classified according to the Schedule A classificataion system of the U.S. Bureau of the Census.

n.e.s. - Not elsewhere specified.
n.a. - Not available.
cif - Cost, insurance, and freight.
fob fp - Free on board, foreign port.
r - Revised.
NOTE: Dashes indicate data are not available.

Table 117. Selected characteristics and weekly expenditures of urban consumer units classified by quintiles of income before taxes, Diary Survey, 1980-81

Item	All consumer units	Complete reporting of income						Incomplete reporting of income
		Total complete reporting	Lowest 20 percent	Second 20 percent	Third 20 percent	Fourth 20 percent	Highest 20 percent	
Number of consumer units in universe (in thousands)	70,040	54,266	10,826	10,864	10,857	10,842	10,878	15,774
CONSUMER UNIT CHARACTERISTICS								
Income before taxes	$15,219	$19,188	$3,562	$9,417	$16,190	$24,253	$42,440	$1,567
Size of consumer unit	2.6	2.6	1.7	2.3	2.7	3.1	3.3	2.5
Age of householder	45.7	44.4	50.4	45.2	41.5	41.3	43.6	50.3
Number in consumer unit								
Earners	1.3	1.4	.6	1.0	1.4	1.7	2.1	1.3
Vehicles	1.4	1.4	.6	1.1	1.5	1.8	2.2	1.3
Children under 18	.7	.8	.4	.7	.8	1.0	1.0	.6
Persons 65 and over	.3	.3	.5	.4	.2	.1	.1	.4
Percent homeowner	61	59	37	43	57	70	87	67
AVERAGE WEEKLY EXPENDITURES								
Food, total	$50.50	$53.24	$27.85	$39.52	$52.00	$65.85	$80.86	$41.06
Food at home, total	34.15	35.97	20.59	28.92	35.27	44.50	50.49	27.89
Cereals and bakery products, total	4.34	4.58	2.72	3.73	4.52	5.60	6.35	3.48
Cereals and cereal products	1.38	1.48	.97	1.27	1.49	1.79	1.86	1.05
Bakery products	2.96	3.11	1.76	2.46	3.02	3.81	4.49	2.43
Meats, poultry, fish, and eggs, total	11.62	12.23	6.65	9.68	11.71	15.79	17.30	9.50
Beef	4.48	4.74	2.29	3.39	4.50	6.47	7.06	3.58
Pork	2.34	2.48	1.37	2.03	2.38	3.35	3.25	1.85
Other meats	1.58	1.64	.86	1.39	1.64	1.96	2.34	1.38
Poultry	1.52	1.60	1.06	1.41	1.52	1.85	2.14	1.25
Fish and seafood	1.04	1.08	.58	.83	.98	1.35	1.66	.91
Eggs	.66	.69	.48	.64	.69	.80	.85	.54
Dairy products, total	4.54	4.77	2.78	3.76	4.72	5.71	6.89	3.72
Fresh milk and cream	2.38	2.51	1.58	2.08	2.56	3.00	3.34	1.91
Other dairy products	2.16	2.26	1.20	1.69	2.16	2.71	3.55	1.81
Fruits and vegetables, total	5.34	5.53	3.39	4.69	5.40	6.42	7.75	4.67
Fresh fruits	1.59	1.63	1.07	1.32	1.57	1.82	2.35	1.47
Fresh vegetables	1.57	1.62	.94	1.49	1.58	1.87	2.23	1.39
Processed fruits	1.22	1.27	.81	1.07	1.18	1.50	1.81	1.03
Processed vegetables	.96	1.01	.57	.80	1.07	1.24	1.36	.78
Other food at home, total	8.32	8.85	5.05	7.06	8.93	10.97	12.21	6.52
Sugar and other sweets	1.24	1.33	.80	1.00	1.35	1.62	1.87	.94
Fats and oils	.96	1.01	.59	.86	.99	1.21	1.41	.77
Miscellaneous prepared foods	3.08	3.31	1.78	2.56	3.39	4.17	4.66	2.26
Nonalcoholic beverages	3.05	3.19	1.88	2.63	3.21	3.98	4.27	2.55
Food away from home	16.35	17.27	7.26	10.60	16.73	21.35	30.37	13.17
Alcoholic beverages	5.20	5.65	2.32	3.65	5.44	7.09	9.74	3.66
Tobacco products and smoking supplies	2.80	2.97	1.65	2.57	3.53	3.62	3.48	2.20
Personal care products and services	3.95	4.14	2.04	2.84	3.97	4.89	6.96	3.30
Nonprescription drugs and supplies	1.62	1.68	1.04	1.44	1.81	1.72	2.37	1.43
Housekeeping supplies	4.16	4.46	2.10	3.16	4.01	5.67	7.34	3.15
Energy, total	32.22	34.02	16.86	27.07	33.65	41.59	50.85	26.05
Electricity and natural gas	12.01	12.84	7.70	11.05	12.13	14.91	18.38	9.19
Fuel oil and other fuels	3.06	3.05	2.17	2.85	3.32	3.57	3.34	3.11
Gasoline, motor oil, and additives	7.15	18.13	6.99	13.17	18.20	23.11	29.14	13.76
SOURCE OF INCOME BEFORE TAXES								
Income before taxes, total	$15,219	$19,188	$3,562	$9,417	$16,190	$24,253	$42,440	$1,567
Wages and salaries	12,186	15,472	1,317	5,717	12,706	21,045	36,507	881
Net business and farm income	657	831	-332	222	551	1,044	2,664	59
Social security and other pension income	1,321	1,626	1,585	2,309	1,837	1,139	1,258	272
Interest, dividends, and other asset income	452	544	119	291	485	539	1,283	138
Other income	603	715	872	878	611	487	728	216

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Table 118. Selected characteristics and weekly expenditures of urban consumer units classified by income before taxes, Diary Survey, 1980–81

Item	All consumer units	Complete reporting of income: Total complete reporting	Less than $5,000	$5,000 to $9,999	$10,000 to $14,999	$15,000 to $19,999	$20,000 to $29,999	$30,000 and over	Incom-plete reporting of income
Number of consumer units in universe (in thousands)	70,040	54,266	7,600	9,670	8,057	6,907	11,672	10,360	15,774
CONSUMER UNIT CHARACTERISTICS									
Income before taxes	$15,219	$19,188	$2,609	$7,344	$12,351	$17,294	$24,344	$43,175	$1,567
Size of consumer unit	2.6	2.6	1.6	2.1	2.4	2.9	3.1	3.3	2.5
Age of householder	45.7	44.4	49.8	48.4	43.0	41.1	41.2	43.6	50.3
Number in consumer unit									
Earners	1.3	1.4	.6	.8	1.2	1.5	1.7	2.1	1.3
Vehicles	1.4	1.4	.6	.9	1.3	1.5	1.8	2.2	1.3
Children under 18	.7	.8	.4	.6	.7	1.0	1.0	1.0	.6
Persons 65 and over	.3	.3	.4	.5	.3	.2	.1	.1	.4
Percent homeowner	61	59	33	43	47	62	70	86	67
AVERAGE WEEKLY EXPENDITURES									
Food, total	$50.50	$53.24	$26.68	$34.69	$44.39	$54.60	$66.01	$81.61	$41.06
Food at home, total	34.15	35.97	19.60	26.26	30.47	37.39	44.42	50.83	27.89
Cereals and bakery products, total	4.34	4.58	2.66	3.44	3.77	4.84	5.63	6.35	3.48
Cereals and cereal products	1.38	1.48	.95	1.16	1.30	1.59	1.79	1.86	1.05
Bakery products	2.96	3.11	1.71	2.28	2.47	3.25	3.84	4.49	2.43
Meats, poultry, fish, and eggs, total	11.62	12.23	6.42	8.61	10.07	12.58	15.61	17.51	9.50
Beef	4.48	4.74	2.26	2.97	3.56	5.03	6.30	7.19	3.58
Pork	2.34	2.48	1.31	1.78	2.19	2.43	3.32	3.30	1.85
Other meats	1.58	1.64	.82	1.26	1.30	1.79	2.02	2.31	1.38
Poultry	1.52	1.60	1.02	1.28	1.46	1.58	1.84	2.15	1.25
Fish and seafood	1.04	1.08	.57	.71	.90	1.05	1.32	1.69	.91
Eggs	.66	.69	.45	.60	.64	.69	.81	.87	.54
Dairy products, total	4.54	4.77	2.49	3.55	4.08	4.85	5.79	6.93	3.72
Fresh milk and cream	2.38	2.51	1.43	2.00	2.20	2.62	3.04	3.35	1.91
Other dairy products	2.16	2.26	1.06	1.55	1.87	2.23	2.75	3.58	1.81
Fruits and vegetables, total	5.34	5.53	3.27	4.24	4.89	5.56	6.45	7.85	4.67
Fresh fruits	1.59	1.63	1.06	1.23	1.39	1.58	1.83	2.39	1.47
Fresh vegetables	1.57	1.62	.88	1.26	1.59	1.56	1.89	2.27	1.39
Processed fruits	1.22	1.27	.79	1.01	1.04	1.27	1.48	1.83	1.03
Processed vegetables	.96	1.01	.54	.73	.86	1.15	1.25	1.35	.78
Other food at home, total	8.32	8.85	4.75	6.42	7.66	9.56	10.94	12.19	6.52
Sugar and other sweets	1.24	1.33	.79	.92	1.13	1.44	1.64	1.82	.94
Fats and oils	.96	1.01	.57	.81	.83	1.04	1.22	1.42	.77
Miscellaneous prepared foods	3.08	3.31	1.68	2.26	2.86	3.66	4.13	4.70	2.26
Nonalcoholic beverages	3.05	3.19	1.71	2.43	2.84	3.42	3.96	4.25	2.55
Food away from home	16.35	17.27	7.08	8.43	13.93	17.21	21.58	30.78	13.17
Alcoholic beverages	5.20	5.65	2.27	3.15	4.40	5.66	6.96	9.96	3.66
Tobacco products and smoking supplies	2.80	2.97	1.53	2.24	3.31	3.48	3.57	3.44	2.20
Personal care products and services	3.95	4.14	1.96	2.40	3.21	4.38	5.13	6.83	3.30
Nonprescription dnugs and supplies	1.62	1.68	.90	1.39	1.87	1.51	1.85	2.28	1.43
Housekeeping supplies	4.16	4.46	1.97	2.75	3.57	4.16	5.72	7.35	3.15
Energy, total	32.22	34.02	14.41	24.06	30.93	34.93	41.40	51.18	26.05
Electricity and natural gas	12.01	12.84	7.11	10.12	11.89	12.04	14.76	18.67	9.19
Fuel oil and other fuels	3.06	3.05	1.69	3.03	2.78	3.90	3.29	3.45	3.11
Gasoline, motor oil, and additives	17.15	18.13	5.62	10.91	16.25	18.98	23.35	29.06	13.76
SOURCE OF INCOME BEFORE TAXES									
Income before taxes, total	$15,219	$19,188	$2,609	$7,344	$12,351	$17,294	$24,344	$43,175	$1,567
Wages and salaries	12,186	15,472	974	3,519	8,768	13,877	21,225	37,060	881
Net business and farm income	657	831	–477	107	364	598	983	2,813	59
Social security and other pension income	1,321	1,626	1,263	2,432	2,064	1,759	1,155	1,240	272
Interest, dividends, and other asset income	452	544	86	228	430	499	511	1,329	138
Other income	603	715	763	1,058	724	560	470	733	216

Table 119. Selected characteristics and weekly expenditures of urban consumer units classified by age of householder, Diary Survey, 1980–81

Item	All consumer units	Under 25	25-34	35-44	45-54	55-64	65 and over
Number of consumer units in universe (in thousands)	70,040	8,239	16,482	11,224	10,501	10,338	13,257
CONSUMER UNIT CHARACTERISTICS							
Income before taxes	$15,219	$9,458	$17,195	$20,824	$19,508	$15,871	$7,693
Size of consumer unit	2.6	1.8	2.8	3.7	3.1	2.3	1.7
Age of householder	45.7	21.4	29.4	39.0	49.6	59.3	73.1
Number in consumer unit							
Earners	1.3	1.2	1.4	1.8	2.0	1.4	.4
Vehicles	1.4	1.0	1.4	1.7	1.9	1.5	.9
Children under 18	.7	.4	1.1	1.7	.8	.2	.1
Persons 65 and over	.3	.0	.0	.0	.0	.1	1.3
Percent homeowner	61	14	48	73	77	76	71
AVERAGE WEEKLY EXPENDITURES							
Food, total	$50.50	$29.19	$51.81	$69.59	$63.96	$51.11	$34.79
Food at home, total	34.15	16.70	33.24	47.28	42.87	36.41	26.32
Cereals and bakery products, total	4.34	2.19	4.14	6.12	5.47	4.47	3.41
Cereals and cereal products	1.38	.73	1.42	2.02	1.68	1.31	1.02
Bakery products	2.96	1.46	2.72	4.10	3.79	3.16	2.39
Meats, poultry, fish, and eggs, total	11.62	4.95	11.36	16.49	14.64	12.82	8.62
Beef	4.48	1.74	4.59	6.65	5.60	4.92	2.98
Pork	2.34	1.01	2.25	3.30	2.93	2.56	1.81
Other meats	1.58	.68	1.44	2.31	1.97	1.84	1.18
Poultry	1.52	.69	1.54	1.99	1.90	1.63	1.23
Fish and seafood	1.04	.51	.92	1.37	1.38	1.19	.87
Eggs	.66	.32	.62	.87	.85	.70	.56
Dairy products, total	4.54	2.37	4.57	6.43	5.66	4.48	3.40
Fresh milk and cream	2.38	1.34	2.41	3.42	3.03	2.22	1.70
Other dairy products	2.16	1.03	2.16	3.01	2.62	2.26	1.70
Fruits and vegetables, total	5.34	2.48	4.83	6.84	6.67	6.11	4.82
Fresh fruits	1.59	.64	1.29	1.97	2.02	1.96	1.60
Fresh vegetables	1.57	.78	1.39	1.99	2.03	1.80	1.38
Processed fruits	1.22	.58	1.16	1.55	1.43	1.33	1.15
Processed vegetables	.96	.48	.98	1.33	1.19	1.01	.68
Other food at home, total	8.32	4.70	8.35	11.41	10.44	8.54	6.07
Sugar and other sweets	1.24	.60	1.17	1.75	1.48	1.31	1.04
Fats and oils	.96	.45	.88	1.28	1.25	1.06	.78
Miscellaneous prepared foods	3.08	2.06	3.43	4.30	3.70	2.82	1.93
Nonalcoholic beverages	3.05	1.59	2.87	4.08	4.01	3.34	2.32
Food away from home	16.35	12.49	18.57	22.31	21.09	14.70	8.47
Alcoholic beverages	5.20	5.51	5.76	6.37	7.07	4.56	2.35
Tobacco products and smoking supplies	2.80	2.54	2.84	3.31	3.82	2.97	1.51
Personal care products and services	3.95	2.17	3.71	4.88	5.31	4.46	3.10
Nonprescription dnugs and supplies	1.62	.68	1.24	1.49	2.08	2.09	2.06
Housekeeping supplies	4.16	2.01	4.04	5.67	5.33	4.68	3.05
Energy, total	32.22	18.69	32.74	40.20	41.76	35.26	23.32
Electricity and natural gas	12.01	6.03	11.56	15.81	14.90	12.67	10.29
Fuel oil and other fuels	3.06	.63	2.16	2.75	3.25	5.29	4.08
Gasoline, motor oil, and additives	17.15	12.03	19.02	21.64	23.61	17.30	8.96
SOURCE OF INCOME BEFORE TAXES							
Income before taxes, total	$15,219	$9,458	$17,195	$20,824	$19,508	$15,871	$7,693
Wages and salaries	12,186	8,051	15,611	18,457	16,760	11,678	1,961
Net business and farm income	657	187	666	1,155	869	854	197
Social security and other pension income	1,321	72	83	297	697	2,244	4,277
Interest, dividends, and other asset income	452	97	178	232	520	689	962
Other income	603	1,050	657	684	662	405	296

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Table 120. Selected characteristics and weekly expenditures of urban consumer units classified by size of consumer unit, Diary Survey, 1980–81

Item	All consumer units	One person	Two persons	Three persons	Four persons	Five persons	Six persons or more
Number of consumer units in universe (in thousands)	70,040	20,086	20,302	11,624	9,979	4,714	3,335
CONSUMER UNIT CHARACTERISTICS							
Income before taxes	$15,219	$8,207	$15,524	$18,559	$20,225	$21,806	$19,669
Size of consumer unit	2.6	1.0	2.0	3.0	4.0	5.0	6.7
Age of householder	45.7	47.0	51.7	42.2	38.7	40.6	42.1
Number in consumer unit							
Earners	1.3	.6	1.2	1.7	1.9	2.0	2.5
Vehicles	1.4	.7	1.5	1.8	1.8	2.0	1.9
Children under 18	.7	.0	.1	.8	1.7	2.5	3.6
Persons 65 and over	.3	.3	.5	.2	.1	.1	.1
Percent homeowner	61	35	69	68	74	82	74
AVERAGE WEEKLY EXPENDITURES							
Food, total	$50.50	$25.88	$47.74	$57.38	$69.67	$79.29	$93.47
Food at home, total	34.15	14.29	31.44	39.58	49.10	57.51	73.56
Cereals and bakery products, total	4.34	1.76	3.86	4.96	6.42	7.77	9.45
Cereals and cereal products	1.38	.53	1.15	1.53	2.00	2.71	3.73
Bakery products	2.96	1.24	2.71	3.44	4.43	5.06	5.72
Meats, poultry, fish, and eggs, total	11.62	4.30	10.62	13.71	16.64	19.57	28.13
Beef	4.48	1.50	3.98	5.28	6.48	7.81	12.04
Pork	2.34	.82	2.20	2.75	3.16	4.05	5.94
Other meats	1.58	.56	1.40	1.96	2.42	2.78	3.23
Poultry	1.52	.66	1.37	1.84	2.03	2.40	3.67
Fish and seafood	1.04	.46	1.08	1.12	1.64	1.42	1.75
Eggs	.66	.30	.59	.75	.92	1.10	1.50
Dairy products, total	4.54	1.87	3.97	5.13	6.84	8.18	9.92
Fresh milk and cream	2.38	.88	1.86	2.80	3.70	4.53	6.04
Other dairy products	2.16	.99	2.11	2.33	3.14	3.65	3.88
Fruits and vegetables, total	5.34	2.68	5.38	5.91	7.29	7.98	9.52
Fresh fruits	1.59	.83	1.68	1.69	2.13	2.12	2.94
Fresh vegetables	1.57	.82	1.60	1.74	2.03	2.29	2.91
Processed fruits	1.22	.61	1.20	1.38	1.72	1.94	1.95
Processed vegetables	.96	.42	.90	1.11	1.41	1.63	1.73
Other food at home, total	8.32	3.67	7.61	9.87	11.90	14.01	16.54
Sugar and other sweets	1.24	.54	1.19	1.37	1.71	2.18	2.50
Fats and oils	.96	.39	.93	1.11	1.37	1.63	1.87
Miscellaneous prepared foods	3.08	1.30	2.56	3.82	4.62	5.34	6.51
Nonalcoholic beverages	3.05	1.44	2.93	3.57	4.20	4.85	5.66
Food away from home	16.35	11.59	16.30	17.80	20.57	21.78	19.91
Alcoholic beverages	5.20	4.55	5.35	5.54	5.51	5.46	5.72
Tobacco products and smoking supplies	2.80	1.92	2.75	3.45	3.24	3.51	3.70
Personal care products and services	3.95	2.38	4.34	4.53	4.94	5.07	4.51
Nonprescription dnugs and supplies	1.62	.89	2.09	2.10	1.71	1.48	1.41
Housekeeping supplies	4.16	1.72	4.24	5.01	5.88	6.77	6.67
Energy, total	32.22	16.77	32.10	39.61	43.52	47.05	45.61
Electricity and natural gas	12.01	6.59	11.64	14.67	15.59	18.58	17.70
Fuel oil and other fuels	3.06	1.72	3.54	3.26	4.74	3.30	2.18
Gasoline, motor oil, and additives	17.15	8.45	16.91	21.67	23.19	25.18	25.73
SOURCE OF INCOME BEFORE TAXES							
Income before taxes, total	$15,219	$8,207	$15,524	$18,559	$20,225	$21,806	$19,669
Wages and salaries	12,186	5,844	11,160	15,681	18,198	19,225	16,508
Net business and farm income	657	335	763	738	755	767	1,227
Social security and other pension income	1,321	1,127	2,405	1,102	375	574	537
Interest, dividends, and other asset income	452	419	749	329	273	194	176
Other income	603	481	447	710	625	1,045	1,222

Table 121. Selected characteristics and weekly expenditures of urban consumer units classified by region of residence, Diary Survey, 1980-81

Item	All comsumer units	Northeast	North Central	South	West
Number of consumer units in universe (in thousands)	70,040	17,205	18,390	20,128	14,317
CONSUMER UNIT CHARACTERISTICS					
Income before taxes	$15,219	$14,230	$15,320	$14,773	$16,906
Size of consumer unit	2.6	2.6	2.7	2.5	2.5
Age of householder	45.7	47.1	45.5	45.9	44.2
Number in consumer unit	✓				
Earners	1.3	1.3	1.4	1.3	1.4
Vehicles	1.4	1.2	1.5	1.4	1.5
Children under 18	.7	.7	.8	.7	.7
Persons 65 and over	.3	.3	.3	.3	.3
Percent homeowner	61	59	68	60	55
AVERAGE WEEKLY EXPENDITURES					
Food, total	$50.50	$53.76	$50.46	$47.68	$50.57
Food at home, total	34.15	37.09	34.84	31.63	33.28
Cereals and bakery products, total	4.34	5.03	4.36	3.88	4.11
Cereals and cereal products	1.38	1.50	1.38	1.26	1.42
Bakery products	2.96	3.53	2.98	2.62	2.69
Meats, poultry, fish, and eggs, total	11.62	12.83	12.04	10.84	10.71
Beef	4.48	4.72	5.07	4.02	4.08
Pork	2.34	2.27	2.67	2.26	2.10
Other meats	1.58	2.00	1.68	1.34	1.28
Poultry	1.52	1.76	1.27	1.54	1.52
Fish and seafood	1.04	1.39	.73	1.02	1.06
Eggs	.66	.69	.62	.66	.67
Dairy products, total	4.54	5.01	4.65	3.92	4.69
Fresh milk and cream	2.38	2.52	2.46	2.18	2.37
Other dairy products	2.16	2.49	2.19	1.74	2.32
Fruits and vegetables, total	5.34	6.03	5.04	4.94	5.45
Fresh fruits	1.59	1.87	1.49	1.34	1.74
Fresh vegetables	1.57	1.72	1.45	1.52	1.61
Processed fruits	1.22	1.44	1.15	1.05	1.28
Processed vegetables	.96	1.01	.94	1.02	.83
Other food at home, total	8.32	8.18	8.75	8.05	8.32
Sugar and other sweets	1.24	1.24	1.32	1.21	1.17
Fats and oils	.96	.95	1.02	.92	.94
Miscellaneous prepared foods	3.08	2.89	3.36	2.82	3.28
Nonalcoholic beverages	3.05	3.09	3.05	3.11	2.92
Food away from home	16.35	16.67	15.63	16.05	17.30
Alcoholic beverages	5.20	5.55	4.85	4.38	6.40
Tobacco products and smoking supplies	2.80	2.90	3.01	2.74	2.48
Personal care products and services	3.95	3.72	3.88	4.01	4.24
Nonprescription dnugs and supplies	1.62	1.47	1.84	1.65	1.48
Housekeeping supplies	4.16	4.39	4.41	3.82	4.07
Energy, total	32.22	34.06	33.95	32.79	27.02
Electricity and natural gas	12.01	12.06	13.90	12.41	8.99
Fuel oil and other fuels	3.06	6.98	1.97	2.15	1.05
Gasoline, motor oil, and additives	17.15	15.01	18.08	18.23	16.99
SOURCE OF INCOME BEFORE TAXES					
Income before taxes, total	$15,219	$14,230	$15,320	$14,773	$16,906
Wages and salaries	12,186	11,309	12,276	12,123	13,212
Net business and farm income	657	570	822	302	1,051
Social security and other pension income	1,321	1,334	1,237	1,352	1,368
Interest, dividends, and other asset income	452	406	324	477	638
Other income	603	611	661	518	637

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Table 122. Selected characteristics and weekly expenditures of urban consumer units classified by number of earners in consumer unit, Diary Survey, 1980–81

Item	All consumer units	Single consumers		Consumer units two or more persons			
		No earner	1 earner	No earner	1 earner	2 earners	3 or more
Number of consumer units in universe (in thousands)	70,040	7,034	13,052	6,379	15,293	21,652	6,629
CONSUMER UNIT CHARACTERISTICS							
Income before taxes	$15,219	$3,752	$10,607	$7,228	$15,003	$21,279	$24,864
Size of consumer unit	2.6	1.0	1.0	2.5	3.1	3.1	4.6
Age of householder	45.7	67.2	36.1	61.7	45.0	39.9	47.2
Number in consumer unit							
Earners	1.3	.0	1.0	.0	1.0	2.0	3.4
Vehicles	1.4	.4	.8	1.0	1.5	1.8	2.5
Children under 18	.7	.0	.0	.6	1.2	1.0	1.4
Persons 65 and over	.3	.7	.1	1.1	.2	.1	.1
Percent homeowner	61	49	27	69	70	69	85
AVERAGE WEEKLY EXPENDITURES							
Food, total	$50.50	$22.36	$27.78	$42.11	$55.77	$60.71	$87.64
Food at home, total	34.15	16.29	13.22	34.29	40.77	40.04	59.65
Cereals and bakery products, total	4.34	2.16	1.55	4.49	5.13	5.01	7.97
Cereals and cereal products	1.38	.67	.45	1.55	1.72	1.56	2.46
Bakery products	2.96	1.49	1.10	2.94	3.41	3.45	5.52
Meats, poultry, fish, and eggs, total	11.62	4.99	3.93	11.53	14.35	13.77	20.52
Beef	4.48	1.69	1.40	3.85	5.78	5.45	7.95
Pork	2.34	.98	.74	2.52	2.92	2.77	3.99
Other meats	1.58	.64	.52	1.62	1.88	1.90	2.88
Poultry	1.52	.82	.58	1.59	1.81	1.73	2.70
Fish and seafood	1.04	.49	.44	1.18	1.18	1.20	1.84
Eggs	.66	.38	.25	.77	.78	.72	1.16
Dairy products, total	4.54	2.05	1.78	4.40	5.38	5.26	8.42
Fresh milk and cream	2.38	1.06	.78	2.41	2.89	2.73	4.52
Other dairy products	2.16	.99	1.00	1.98	2.49	2.53	3.91
Fruits and vegetables, total	5.34	3.15	2.43	5.88	6.14	6.01	8.81
Fresh fruits	1.59	1.05	.72	1.90	1.80	1.73	2.66
Fresh vegetables	1.57	.92	.76	1.63	1.81	1.78	2.56
Processed fruits	1.22	.72	.55	1.42	1.39	1.37	2.01
Processed vegetables	.96	.46	.40	.93	1.15	1.14	1.57
Other food at home, total	8.32	3.94	3.52	8.00	9.78	9.99	13.92
Sugar and other sweets	1.24	.69	.46	1.29	1.53	1.47	1.88
Fats and oils	.96	.48	.34	1.05	1.13	1.14	1.61
Miscellaneous prepared foods	3.08	1.29	1.30	2.72	3.56	3.84	5.20
Nonalcoholic beverages	3.05	1.48	1.42	2.93	3.56	3.55	5.22
Food away from home	16.35	6.07	14.56	7.82	14.99	20.66	27.99
Alcoholic beverages	5.20	1.70	6.09	2.72	4.20	6.32	8.22
Tobacco products and smoking supplies	2.80	1.28	2.27	1.98	3.03	3.28	4.10
Personal care products and services	3.95	1.85	2.67	3.16	4.06	4.69	6.81
Nonprescription drugs and supplies	1.62	.93	.88	1.89	1.84	1.92	2.08
Housekeeping supplies	4.16	1.77	1.69	3.73	5.00	5.08	7.08
Energy, total	32.22	13.59	18.48	25.66	34.60	40.27	53.64
Electricity and natural gas	12.01	7.21	6.26	11.96	14.08	13.81	17.89
Fuel oil and other fuels	3.06	2.33	1.40	4.06	3.18	3.71	3.78
Gasoline, motor oil, and additives	17.15	4.05	10.83	9.64	17.33	22.75	31.98
SOURCE OF INCOME BEFORE TAXES							
Income before taxes, total	$15,219	$3,752	$10,607	$7,228	$15,003	$21,279	$24,864
Wages and salaries	12,186	–	8,994	–	11,480	19,028	22,407
Net business and farm income	657	19	505	8	985	779	1,106
Social security and other pension income	1,321	2,617	324	5,156	1,435	539	507
Interest, dividends, and other asset income	452	546	351	880	442	391	364
Other income	603	571	432	1,182	662	542	479

– Data not available.

Technical Notes

Work Stoppage Statistics

(Covers tables 123 and 124)

The work stoppage series covers all strikes and lockouts known to the Bureau that continue for 1 full day or shift or longer and that involve 1,000 workers or more. The Bureau, however, does not distinguish between strikes and lockouts; both types are included in the term "work stoppage." A strike is defined as a temporary stoppage of work by a group of employees to express a grievance or enforce a demand. A lockout is defined as a temporary withholding of work by an employer (or group of employers) to enforce terms of employment upon a group of employees.

All known stoppages, whether or not authorized by the union, legal or illegal, are counted. The series excludes, however, strikes of American seamen or othe workers in foreign ports, and strikes of foreign crew in American ports. Also excluded are so-called slowdowns, in which employees continue to work but at deliberately reduced production speed. In addition, instances in which workers report an hour or two lat each day as a protest gesture or leave work severa hours before closing time to attend rallies or mass meetings are excluded.

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Table 123. Work stoppages involving 1,000 workers or more, 1947-83 [1]

[Workers and days idle in thousands]

Year	Stoppages beginning in year		Days idle during year	
	Number	Workers involved	Number	Percent of estimated total working time [2]
1947	270	1,629	25,720	-
1948	245	1,435	26,127	0.22
1949	262	2,537	43,420	.38
1950	424	1,698	30,390	.26
1951	415	1,462	15,070	.12
1952	470	2,746	48,820	.38
1953	437	1,623	18,130	.14
1954	265	1,075	16,630	.13
1955	363	2,055	21,180	.16
1956	287	1,370	26,840	.20
1957	279	887	10,340	.07
1958	332	1,587	17,900	.13
1959	245	1,381	60,850	.43
1960	222	896	13,260	.09
1961	195	1,031	10,140	.07
1962	211	793	11,760	.08
1963	181	512	10,020	.07
1964	246	1,183	16,220	.11
1965	268	999	15,140	.10
1966	321	1,300	16,000	.10
1967	381	2,192	31,320	.18
1968	392	1,855	35,567	.20
1969	412	1,576	29,397	.16
1970	381	2,468	52,761	.29
1971	298	2,516	35,538	.19
1972	250	975	16,764	.09
1973	317	1,400	16,260	.08
1974	424	1,796	31,809	.16
1975	235	965	17,563	.09
1976	231	1,519	23,962	.12
1977	298	1,212	21,258	.10
1978	219	1,006	23,774	.11
1979	235	1,021	20,409	.09
1980	187	795	20,844	.09
1981	145	729	16,908	.07
1982	96	656	9,061	.04
1983	81	909	17,461	.08

[1] The number of stopages and workers relate to stoppages that began in the year. Days of idleness include all stoppages in effect. Workers are counted more than once if they were involved in more than 1 stoppage during the year.

[2] Agricultural and government employees are included in the total employed and total working time; private household, forestry, and fishery employees are excluded. An explanation of the measurement of idleness as a percentage of the total time worked is found in "Total Economy Measure of Strike Idleness," *Monthly Labor Review*, October 1968.

- Data not available.

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Table 124. Work stoppages involving 1,000 workers or more by industry group, 1982–83

[Workers and days idle in thousands]

Industry group	Stoppages beginning in year		Days idle during year (all stoppages)		Stoppages beginning in year		Days idle during year (all stoppages)	
	Number	Workers involved	Number	Percent of estimated total working time [1]	Number	Workers involved	Number	Percent of estimated total working time [1]
	1982				1983			
All industries	[2] 96	655.8	9,061.2	0.04	[2] 81	909.4	17,460.7	0.08
Manufacturing	[2] 27	137.1	4,370.2	.09	[2] 38	143.5	6,471.8	.14
Ordnance and accessories	–	–	–	–	–	–	–	–
Food and kindred products	5	11.8	280.6	.07	5	9.5	169.8	.04
Tobacco manufactures	–	–	–	–	–	–	–	–
Textile mill products	–	–	–	–	–	–	–	–
Apparel and other finished products made from fabrics and similar materials	1	10.0	20.0	.01	–	–	–	–
Lumber and wood products, except furniture	2	11.8	70.7	.05	1	1.8	204.9	.12
Furniture and fixtures	–	–	–	–	–	–	–	–
Paper and allied products	–	–	–	–	3	4.3	101.8	.06
Printing, publishing, and allied industries	1	2.2	2.2	([3])	–	–	–	–
Chemicals and allied products	–	–	–	–	–	–	–	–
Petroleum refining and related industries	1	4.6	726.8	1.44	–	–	–	–
Rubber and miscellaneous plastics products	3	5.0	167.6	.10	–	–	–	–
Leather and leather products	–	–	–	–	–	–	–	–
Stone, clay, and glass products	1	1.0	30.0	.02	1	1.6	169.6	.12
Primary metal industries	–	–	–	–	3	3.2	169.1	.08
Fabricated metal products, except ordnance, machinery, and transportation equipment	–	–	–	–	3	6.9	68.8	.02
Machinery, except electrical	4	58.2	2,547.4	.45	9	37.1	3,849.3	.75
Electrical machinery, equipment, and supplies	1	1.0	21.0	([3])	8	60.0	907.4	.18
Transportation equipment	8	31.5	503.9	.12	5	19.1	831.1	.19
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks	–	–	–	–	–	–	–	–
Miscellaneous manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing	[2] 70	518.7	4,691.0	.03	[2] 47	765.9	10,988.9	.06
Agriculture, forestry, and fisheries	1	1.2	54.0	.01	–	–	–	–
Mining	8	11.9	156.1	.06	3	4.5	149.3	.06
Contract construction	37	93.8	1,869.8	.19	14	69.6	1,139.3	.11
Transportation, communication, electric, gas, and sanitary services	9	372.7	2,003.2	.16	9	599.6	8,369.4	.67
Wholesale and retail trade	1	1.3	9.1	([3])	5	11.2	222.8	([3])
Finance, insurance, and real estate	1	4.0	20.0	([3])	–	–	–	–
Services	6	9.5	322.1	.01	3	3.9	117.5	([3])
Government [4]	7	24.3	256.7	.01	13	77.1	990.6	.02
Federal	–	–	–	–	–	–	–	–
State	–	–	–	–	3	9.8	191.0	–
County	–	–	–	–	–	–	–	–
City	4	15.1	201.1	–	9	66.3	722.6	–
School district	–	–	–	–	–	–	–	–
Other local government	–	–	–	–	–	–	–	–
Special district [5]	3	24.3	256.7	–	1	1.0	77.0	–

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[1] Agricultural and government employees are included in the total employed and total working time; private household, forestry, and fishery employees are excluded. An explanation of the measurement of idleness as a percentage of the total employed labor force and of the total time worked is found in "Total Economy Measure of Strike Idleness," *Monthly Labor Review*, October 1968.

[2] Stoppages extending into 2 industry groups or more have been counted in each industry affected; workers involved and days idle were allocated to the respective groups.

[3] Less than 0.005 percent.

[4] For statistical purposes, the stoppages reported have been deeme to fall within the Bureau's definition of a work stoppage. The decision doe not constitute a legal determination that a work stoppage has taken plac in violation of any law or public policy.

[5] Includes all stoppages that cross jurisdictional lines as well as thos that occur in specially created districts that do not conform to pre-existin boundary lines.

– Data not available.

Technical Notes

Occupational Injuries and Illnesses

(Covers table 125)

The Annual Survey of Occupational Injuries and Illnesses is designed to collect data on injuries and illnesses which are based on recordkeeping definitions promulgated under the Occupational Safety and Health Act of 1970. These data are not comparable with the statistical series on work injuries which the Bureau compiled prior to 1971.

Collection and coverage

The survey is an annual mail survey of employers covered by the act. Virtually the entire private sector is covered, except for the following: Self-employed individuals (out of scope); small farms (excluded from coverage by legislation); mining of metal ores, coal, and nonmetallic minerals (collected by the Mine Safety and Health Administration); and operation of railroads (collected by the Federal Railroad Administration). The survey is based on stratified random sampling with a Neyman allocation and a ratio estimator. The characteristics used to stratify the establishments are the SIC code and size of employment.

The sample is designed to produce data at the 2-digit SIC industry level in agriculture, forestry, and fishing; the 3-digit level in oil and gas extraction, construction, and transportation and public utilities; the 4-digit level in manufacturing; and the 2-digit level in SIC's 50-89, except for some 3-digit estimates in this range of SIC's.

Definitions

Occupational injury and illness statistics are based on all cases resulting from a work accident or an exposure in the work environment which result in a death, a nonfatal illness, or a nonfatal injury which involves medical treatment (beyond first aid), loss of consciousness, restriction of work or motion, or transfer to another job.

Industry data have been classified in accordance with the 1972 *Standard Industrial Classification (SIC) Manual,* 1977 *Supplement.*

Estimates produced

Estimates are made for industries and employment-size classes and for severity classification: Fatalities, lost workday cases, and nonfatal cases without lost workdays. Lost workday cases are separated into those where the employee would have worked but could not and those in which work activity was restricted. Estimates of the number of cases and the number of days lost are made for both categories.

Most of the estimates are in the form of incidence rates, defined as the number of injuries and illnesses, or lost workdays, per 100 full-time employees. For this purpose, 200,000 employee hours represent 100 employee years. Only a few of the available measures are included in the *Handbook*. Full detail is presented in the annual bulletin, *Occupational Injuries and Illnesses in the United States, by Industry.*

Comparable data for individual States are available from the BLS Office of Occupational Safety and Health Statistics.

Mining and railroad data are furnished to BLS by the Mine Safety and Health Administration and the Federal Railroad Administration, respectively. Data from these organizations are included in BLS and State publications. Federal employee experience is compiled and published by the Occupational Safety and Health Administration. Data on State and local government employees are collected by about half of the States and territories; these data are not compiled nationally.

The Supplementary Data System provides detailed information describing various factors associated with work-related injuries and illnesses. These data are obtained from information reported by *employers* to State workers' compensation agencies. The Work Injury Report program examines selected types of accidents through an employee survey which focuses on the circumstances surrounding the injury. These data are not included in the *Handbook* but are available from the BLS Office of Occupational Safety and Health Statistics.

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Table 125. Occupational injury and illness incidence rates by industry, United States, 1972-82

Industry and type of case [1]	1972 [3]	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
	Incidence rates per 100 full-time workers [2]										
PRIVATE SECTOR [4]											
Total cases	10.9	11.0	10.4	9.1	9.2	9.3	9.4	9.5	8.7	8.3	7.7
Lost workday cases	3.3	3.4	3.5	3.3	3.5	3.8	4.1	4.3	4.0	3.8	3.5
Nonfatal cases without lost workdays	7.6	7.5	6.9	5.8	5.7	5.5	5.3	5.2	4.7	4.5	4.2
Lost workdays	47.9	53.3	54.6	56.1	60.5	61.6	63.5	67.7	65.2	61.7	58.7
Agriculture, forestry, and fishing [4]											
Total cases	-	11.6	9.9	8.5	11.0	11.5	11.6	11.7	11.9	12.3	11.8
Lost workday cases	-	4.6	4.5	3.7	4.7	5.1	5.4	5.7	5.8	5.9	5.9
Nonfatal cases without lost workdays	-	7.0	5.3	4.7	6.3	6.3	6.2	5.9	6.1	6.3	5.9
Lost workdays	-	68.0	7.38	64.0	83.3	81.1	80.7	83.7	82.7	82.8	86.0
Mining											
Total cases	-	12.5	10.2	11.0	11.0	10.9	11.5	11.4	11.2	11.6	10.5
Lost workday cases	-	5.8	5.1	5.7	5.8	6.0	6.4	6.8	6.5	6.2	5.4
Nonfatal cases without lost workdays	-	6.7	5.0	5.3	5.1	4.9	5.0	4.6	4.6	5.3	5.0
Lost workdays	-	119.6	94.7	113.0	114.4	128.8	143.2	150.5	163.6	146.4	137.3
Construction											
Total cases	19.0	19.8	18.3	16.0	15.3	15.5	16.0	16.2	15.7	15.1	14.6
Lost workday cases	6.0	6.1	5.9	5.5	5.5	5.9	6.4	6.8	6.5	6.3	6.0
Nonfatal cases without lost workdays	12.9	13.6	12.4	10.5	9.8	9.6	9.6	9.3	9.1	8.8	8.6
Lost workdays	88.5	98.1	99.8	100.8	105.0	111.5	109.4	120.4	117.0	113.1	115.7
General building contractors:											
Total cases	18.5	20.7	19.1	16.1	14.5	15.0	15.9	16.3	15.5	15.1	14.1
Lost workday cases	5.7	6.1	5.7	5.2	5.2	5.7	6.3	6.8	6.5	6.1	5.9
Nonfatal cases without lost workdays	12.8	14.6	13.4	10.9	9.2	9.3	9.6	9.5	9.0	9.0	8.1
Lost workdays	88.7	94.1	93.2	92.2	100.0	100.2	105.3	111.2	113.0	107.1	112.0
Heavy construction contractors:											
Total cases	19.6	19.3	18.1	16.6	16.3	16.0	16.6	16.6	16.3	14.9	15.
Lost workday cases	6.1	6.1	6.0	6.0	5.5	5.7	6.2	6.7	6.3	6.0	5.
Nonfatal cases without lost workdays	13.4	13.1	12.1	10.6	10.7	10.2	10.3	9.9	9.9	8.9	9.
Lost workdays	98.6	107.6	112.7	116.2	109.2	116.7	110.9	123.1	117.6	106.0	113
Special trade contractors:											
Total Cases	19.0	19.4	17.8	15.7	15.3	15.6	15.8	16.0	15.5	15.2	14
Lost workday cases	6.0	6.2	6.0	5.5	5.6	6.1	6.6	6.9	6.7	6.6	6
Nonfatal cases without lost workdays	12.9	13.2	11.8	10.2	9.7	9.5	9.2	9.0	8.8	8.6	8
Lost workdays	83.8	96.3	97.9	99.3	105.8	115.5	111.0	124.3	118.9	119.3	11
Manufacturing											
Total cases	15.6	15.3	14.6	13.0	13.2	13.1	13.2	13.3	12.2	11.5	1
Lost workday cases	4.2	4.5	4.7	4.5	4.8	5.1	5.6	5.9	5.4	5.1	
Nonfatal cases without lost workdays	11.4	10.8	9.9	8.5	8.3	8.0	7.6	7.4	6.8	6.4	
Lost workdays	62.6	68.2	72.7	75.4	79.5	82.5	84.9	90.2	86.7	82.0	
Durable goods											
Total cases	17.5	17.1	16.0	14.1	14.1	14.0	14.2	14.2	12.9	12.1	
Lost workday cases	4.5	4.8	5.1	4.8	5.1	5.4	5.9	6.3	5.6	5.3	
Nonfatal cases without lost workdays	13.0	12.3	11.0	9.3	9.0	8.6	8.3	7.9	7.3	6.8	
Lost workdays	66.8	72.4	77.2	80.5	84.1	86.4	89.1	95.1	90.9	84.9	
Lumber and wood products:											
Total cases	25.4	24.1	22.2	20.4	22.1	22.3	22.6	20.7	18.6	17.6	
Lost workday cases	9.3	9.2	9.0	8.5	9.7	10.4	11.1	10.8	9.5	9.0	
Nonfatal cases without lost workdays	16.1	14.8	13.2	11.8	12.3	11.9	11.5	9.9	9.1	8.6	
Lost workdays	145.2	150.7	156.5	157.8	167.3	178.0	178.8	175.9	171.8	158.4	
Furniture and fixtures:											
Total cases	19.4	19.6	17.8	16.1	16.9	17.2	17.5	17.6	16.0	15.1	
Lost workday cases	5.2	5.5	5.3	5.1	6.0	6.0	6.9	7.1	6.6	6.2	
Nonfatal cases without lost workdays	14.2	14.1	12.5	10.9	10.9	11.2	10.6	10.4	9.4	8.9	
Lost workdays	71.7	75.2	78.6	83.1	94.5	92.0	95.9	99.6	97.6	91.9	
Stone, clay, and glass products:											
Total cases	18.8	18.2	18.2	15.9	16.1	16.9	16.8	16.8	15.0	14.1	
Lost workday cases	5.6	5.9	6.3	5.8	6.4	6.9	7.8	8.0	7.1	6.9	
Nonfatal cases without lost workdays	13.2	12.3	11.8	10.1	9.7	9.9	9.0	8.7	7.9	7.2	
Lost workdays	93.1	96.2	107.3	109.1	114.1	120.4	126.3	133.7	128.1	122.2	
Primary metal industries:											
Total cases	21.1	20.8	19.7	17.3	16.6	16.2	17.0	17.3	15.2	14.4	
Lost workday cases	5.7	6.3	6.8	6.3	6.3	6.8	7.5	8.1	7.1	6.7	

See footnotes at end of table.

SEE ERRATA

Errata for—

Handbook of Labor Statistics

U.S. Department of Labor
Bureau of Labor Statistics
June 1985

Bulletin 2217

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The following table of occupational injury and illness incidence rates by industry in the United States for 1972–82 corrects data in table 125 of the *Handbook of Labor Statistics,* Bulletin 2217, for nondurable goods manufacturing; transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

L2.3/5:

Table 125. Occupational injury and illness incidence rates by industry, United States, 1972–82

Industry and type of case [1]	Incidence rates per 100 full-time workers [2]										
	1972 [3]	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
PRIVATE SECTOR [4]											
Total cases	10.9	11.0	10.4	9.1	9.2	9.3	9.4	9.5	8.7	8.3	7.7
Lost workday cases	3.3	3.4	3.5	3.3	3.5	3.8	4.1	4.3	4.0	3.8	3.5
Nonfatal cases without lost workdays	7.6	7.5	6.9	5.8	5.7	5.5	5.3	5.2	4.7	4.5	4.2
Lost workdays	47.9	53.3	54.6	56.1	60.5	61.6	63.5	67.7	65.2	61.7	58.7
Agriculture, forestry, and fishing [4]											
Total cases	–	11.6	9.9	8.5	11.0	11.5	11.6	11.7	11.9	12.3	11.8
Lost workday cases	–	4.6	4.5	3.7	4.7	5.1	5.4	5.7	5.8	5.9	5.9
Nonfatal cases without lost workdays	–	7.0	5.3	4.7	6.3	6.3	6.2	5.9	6.1	6.3	5.9
Lost workdays	–	68.0	7.38	64.0	83.3	81.1	80.7	83.7	82.7	82.8	86.0
Mining											
Total cases	–	12.5	10.2	11.0	11.0	10.9	11.5	11.4	11.2	11.6	10.5
Lost workday cases	–	5.8	5.1	5.7	5.8	6.0	6.4	6.8	6.5	6.2	5.4
Nonfatal cases without lost workdays	–	6.7	5.0	5.3	5.1	4.9	5.0	4.6	4.6	5.3	5.0
Lost workdays	–	119.6	94.7	113.0	114.4	128.8	143.2	150.5	163.6	146.4	137.3
Construction											
Total cases	19.0	19.8	18.3	16.0	15.3	15.5	16.0	16.2	15.7	15.1	14.6
Lost workday cases	6.0	6.1	5.9	5.5	5.5	5.9	6.4	6.8	6.5	6.3	6.0
Nonfatal cases without lost workdays	12.9	13.6	12.4	10.5	9.8	9.6	9.6	9.3	9.1	8.8	8.6
Lost workdays	88.5	98.1	99.8	100.8	105.0	111.5	109.4	120.4	117.0	113.1	115.7
General building contractors:											
Total cases	18.5	20.7	19.1	16.1	14.5	15.0	15.9	16.3	15.5	15.1	14.1
Lost workday cases	5.7	6.1	5.7	5.2	5.2	5.7	6.3	6.8	6.5	6.1	5.9
Nonfatal cases without lost workdays	12.8	14.6	13.4	10.9	9.2	9.3	9.6	9.5	9.0	9.0	8.1
Lost workdays	88.7	94.1	93.2	92.2	100.0	100.2	105.3	111.2	113.0	107.1	112.0
Heavy construction contractors:											
Total cases	19.6	19.3	18.1	16.6	16.3	16.0	16.6	16.6	16.3	14.9	15.1
Lost workday cases	6.1	6.1	6.0	6.0	5.5	5.7	6.2	6.7	6.3	6.0	5.8
Nonfatal cases without lost workdays	13.4	13.1	12.1	10.6	10.7	10.2	10.3	9.9	9.9	8.9	9.2
Lost workdays	98.6	107.6	112.7	116.2	109.2	116.7	110.9	123.1	117.6	106.0	113.1
Special trade contractors:											
Total Cases	19.0	19.4	17.8	15.7	15.3	15.6	15.8	16.0	15.5	15.2	14.7
Lost workday cases	6.0	6.2	6.0	5.5	5.6	6.1	6.6	6.9	6.7	6.6	6.2
Nonfatal cases without lost workdays	12.9	13.2	11.8	10.2	9.7	9.5	9.2	9.0	8.8	8.6	8.5
Lost workdays	83.8	96.3	97.9	99.3	105.8	115.5	111.0	124.3	118.9	119.3	118.6
Manufacturing											
Total cases	15.6	15.3	14.6	13.0	13.2	13.1	13.2	13.3	12.2	11.5	10.2
Lost workday cases	4.2	4.5	4.7	4.5	4.8	5.1	5.6	5.9	5.4	5.1	4.4
Nonfatal cases without lost workdays	11.4	10.8	9.9	8.5	8.3	8.0	7.6	7.4	6.8	6.4	5.8
Lost workdays	62.6	68.2	72.7	75.4	79.5	82.5	84.9	90.2	86.7	82.0	75.0
Durable goods											
Total cases	17.5	17.1	16.0	14.1	14.1	14.0	14.2	14.2	12.9	12.1	10.6
Lost workday cases	4.5	4.8	5.1	4.8	5.1	5.4	5.9	6.3	5.6	5.3	4.5
Nonfatal cases without lost workdays	13.0	12.3	11.0	9.3	9.0	8.6	8.3	7.9	7.3	6.8	6.1
Lost workdays	66.8	72.4	77.2	80.5	84.1	86.4	89.1	95.1	90.9	84.9	76.1
Lumber and wood products:											
Total cases	25.4	24.1	22.2	20.4	22.1	22.3	22.6	20.7	18.6	17.6	16.9
Lost workday cases	9.3	9.2	9.0	8.5	9.7	10.4	11.1	10.8	9.5	9.0	8.3
Nonfatal cases without lost workdays	16.1	14.8	13.2	11.8	12.3	11.9	11.5	9.9	9.1	8.6	8.6
Lost workdays	145.2	150.7	156.5	157.8	167.3	178.0	178.8	175.9	171.8	158.4	153.3
Furniture and fixtures:											
Total cases	19.4	19.6	17.8	16.1	16.9	17.2	17.5	17.6	16.0	15.1	13.9
Lost workday cases	5.2	5.5	5.3	5.1	6.0	6.0	6.9	7.1	6.6	6.2	5.5
Nonfatal cases without lost workdays	14.2	14.1	12.5	10.9	10.9	11.2	10.6	10.4	9.4	8.9	8.4
Lost workdays	71.7	75.2	78.6	83.1	94.5	92.0	95.9	99.6	97.6	91.9	85.6
Stone, clay, and glass products:											
Total cases	18.8	18.2	18.2	15.9	16.1	16.9	16.8	16.8	15.0	14.1	13.0
Lost workday cases	5.6	5.9	6.3	5.8	6.4	6.9	7.8	8.0	7.1	6.9	6.1
Nonfatal cases without lost workdays	13.2	12.3	11.8	10.1	9.7	9.9	9.0	8.7	7.9	7.2	6.8
Lost workdays	93.1	96.2	107.3	109.1	114.1	120.4	126.3	133.7	128.1	122.2	112.2

See footnotes at end of table.

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Table 125. Occupational injury and illness incidence rates by industry, United States, 1972-82—Continued

Industry and type of case [1]	Incidence rates per 100 full-time workers [2]										
	1972 [3]	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Durable goods—Continued											
Primary metal industries:											
Total cases	21.1	20.8	19.7	17.3	16.6	16.2	17.0	17.3	15.2	14.4	12.4
Lost workday cases	5.7	6.3	6.8	6.3	6.3	6.8	7.5	8.1	7.1	6.7	5.4
Nonfatal cases without lost workdays	15.3	14.5	12.9	10.9	10.3	9.4	9.5	9.2	8.1	7.7	7.0
Lost workdays	100.8	107.1	110.8	116.5	114.8	119.4	123.6	134.7	128.3	121.3	101.6
Fabricated metal products:											
Total cases	22.8	22.7	21.2	19.1	18.9	19.1	19.3	19.9	18.5	17.5	15.3
Lost workday cases	5.9	6.4	6.8	6.5	6.8	7.2	8.0	8.7	8.0	7.5	6.4
Nonfatal cases without lost workdays	16.9	16.3	14.4	12.6	12.0	11.9	11.3	11.2	10.5	10.0	8.9
Lost workdays	80.4	92.0	99.0	102.8	109.8	109.0	112.4	124.2	118.4	109.9	102.5
Machinery, except electrical:											
Total cases	17.1	17.7	16.8	14.9	14.2	14.0	14.4	14.7	13.7	12.9	10.7
Lost workday cases	3.8	4.3	4.8	4.6	4.6	4.7	5.4	5.9	5.5	5.1	4.2
Nonfatal cases without lost workdays	13.2	13.4	12.0	10.3	9.6	9.3	9.0	8.7	8.2	7.8	6.5
Lost workdays	52.0	60.5	65.2	69.7	70.6	69.9	75.1	83.6	81.3	74.9	66.0
Electric and electronic equipment:											
Total cases	10.7	10.8	10.2	8.5	8.5	8.6	8.7	8.6	8.0	7.4	6.5
Lost workday cases	2.4	2.7	2.8	2.5	2.8	3.0	3.3	3.4	3.3	3.1	2.7
Nonfatal cases without lost workdays	8.3	8.1	7.3	6.0	5.7	5.6	5.4	5.2	4.7	4.3	3.8
Lost workdays	35.1	37.3	43.3	41.5	44.9	46.7	50.3	51.9	51.8	48.4	42.2
Transportation equipment:											
Total cases	18.8	16.7	15.1	13.3	12.4	11.8	11.5	11.6	10.6	9.8	9.2
Lost workday cases	4.2	4.6	4.7	4.7	4.7	5.0	5.1	5.5	4.9	4.6	4.0
Nonfatal cases without lost workdays	14.6	12.1	10.4	8.6	7.7	6.8	6.3	6.1	5.7	5.2	5.1
Lost workdays	60.5	67.3	69.5	79.5	73.8	79.3	78.0	85.9	82.4	78.1	72.2
Instruments and related products:											
Total cases	8.7	8.6	8.0	7.1	7.2	7.0	6.9	7.2	6.8	6.5	5.6
Lost workday cases	1.8	2.0	2.2	2.2	2.4	2.4	2.6	2.8	2.7	2.7	2.3
Nonfatal cases without lost workdays	6.8	6.6	5.8	4.9	4.8	4.6	4.3	4.4	4.1	3.8	3.3
Lost workdays	24.5	26.6	31.6	36.6	36.7	37.4	37.0	40.0	41.8	39.2	37.0
Miscellaneous manufacturing industries:											
Total cases	13.5	13.5	12.6	11.5	11.7	11.5	11.8	11.7	10.9	10.7	9.9
Lost workday cases	3.5	3.9	3.8	3.6	4.0	4.0	4.5	4.7	4.3	4.4	4.1
Nonfatal cases without lost workdays	10.0	9.8	8.8	7.8	7.7	7.5	7.3	7.0	6.5	6.3	5.8
Lost workdays	47.7	54.3	58.9	57.4	59.4	58.7	66.4	67.7	67.9	68.3	69.9
Nondurable goods											
Total cases	12.9	12.8	12.6	11.4	11.8	11.8	11.8	11.8	11.1	10.5	9.7
Lost workday cases	3.9	3.9	4.1	4.0	4.4	4.7	5.0	5.3	5.0	4.8	4.3
Nonfatal cases without lost workdays	9.0	8.8	8.4	7.3	7.4	7.1	6.8	6.5	6.1	5.7	5.3
Lost workdays	56.8	62.2	65.9	68.0	72.8	76.3	78.4	82.3	80.4	77.4	73.5
Food and kindred products:											
Total cases	19.4	19.2	19.6	18.2	19.3	19.5	19.4	19.9	18.7	17.8	16.7
Lost workday cases	6.8	6.8	7.4	7.3	8.0	8.5	8.9	9.5	9.0	8.6	8.0
Nonfatal cases without lost workdays	12.6	12.3	12.2	10.9	11.3	11.0	10.5	10.4	9.7	9.2	8.7
Lost workdays	91.6	98.6	107.7	113.0	123.8	130.1	132.2	141.8	136.8	130.7	129.3
Tobacco manufacturers:											
Total cases	8.5	8.4	8.5	11.0	10.0	9.1	8.7	9.3	8.1	8.2	7.2
Lost workday cases	2.4	2.5	2.8	4.0	4.1	3.8	4.0	4.2	3.8	3.9	3.2
Nonfatal cases without lost workdays	6.0	5.9	5.6	7.0	5.9	5.3	4.6	5.0	4.3	4.3	4.0
Lost workdays	37.6	33.0	39.9	57.3	62.5	66.7	58.6	64.8	45.8	56.8	44.6
Textile mill products:											
Total cases	11.6	11.7	11.0	10.0	10.5	10.2	10.2	9.7	9.1	8.8	7.6
Lost workday cases	2.8	2.6	2.5	2.4	2.7	2.9	3.4	3.4	3.3	3.2	2.8
Nonfatal cases without lost workdays	8.8	9.1	8.5	7.6	7.7	7.3	6.8	6.3	5.8	5.5	4.8
Lost workdays	45.7	47.2	49.3	47.4	55.5	57.4	61.5	61.3	62.8	59.2	53.8
Apparel and other textile products:											
Total cases	7.5	7.7	7.1	5.9	6.7	6.7	6.5	6.5	6.4	6.3	6.0
Lost workday cases	1.8	1.9	1.8	1.6	1.9	2.0	2.2	2.2	2.2	2.2	2.1
Nonfatal cases without lost workdays	5.7	5.8	5.3	4.3	4.8	4.7	4.3	4.3	4.2	4.1	3.9
Lost workdays	22.9	26.1	26.6	27.9	31.0	31.7	32.4	34.1	34.9	35.0	36.4
Paper and allied products:											
Total cases	16.0	15.8	15.1	13.4	13.7	13.6	13.5	13.5	12.7	11.6	10.6
Lost workday cases	4.1	4.3	4.4	4.1	4.7	5.0	5.7	6.0	5.8	5.4	4.9
Nonfatal cases without lost workdays	11.9	11.5	10.7	9.2	9.0	8.5	7.8	7.5	6.9	6.2	5.7
Lost workdays	76.4	87.1	85.8	86.7	94.8	101.6	103.3	108.4	112.3	103.6	99.1

See footnotes at end of table.

Table 125. Occupational injury and illness incidence rates by industry, United States, 1972-82—Continued

Industry and type of case [1]	Incidence rates per 100 full-time workers [2]										
	1972 [3]	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Nondurable goods—Continued											
Printing and publishing:											
Total cases	7.6	7.4	7.5	6.7	6.8	6.8	7.0	7.1	6.9	6.7	6.6
Lost workday cases	2.5	2.3	2.4	2.4	2.6	2.7	2.9	3.1	3.1	3.0	2.8
Nonfatal cases without lost workdays	5.1	5.1	5.0	4.3	4.2	4.1	4.1	4.0	3.8	3.6	3.7
Lost workdays	31.8	31.9	33.5	38.6	40.3	41.7	43.8	45.1	46.5	47.4	45.7
Chemicals and allied products:											
Total cases	10.0	9.7	9.5	8.3	8.2	8.0	7.8	7.7	6.8	6.6	5.7
Lost workday cases	2.8	3.0	2.9	2.8	3.1	3.1	3.3	3.5	3.1	3.0	2.5
Nonfatal cases without lost workdays	7.2	6.7	6.5	5.5	5.1	4.9	4.5	4.2	3.7	3.6	3.2
Lost workdays	43.3	48.6	48.3	48.2	50.6	51.4	50.9	54.9	50.3	48.1	39.4
Petroleum and coal products:											
Total cases	10.3	9.7	9.3	9.1	7.9	8.1	7.9	7.7	7.2	6.7	5.3
Lost workday cases	2.6	2.7	3.0	3.1	3.2	3.3	3.4	3.6	3.5	2.9	2.5
Nonfatal cases without lost workdays	7.7	7.0	6.3	6.0	4.7	4.8	4.5	4.1	3.7	3.7	2.8
Lost workdays	50.2	57.1	59.0	63.0	62.5	59.2	58.3	62.0	59.1	51.2	46.4
Rubber and miscellaneous plastics products:											
Total cases	18.4	17.8	18.0	16.0	16.8	16.8	17.1	17.1	15.5	14.6	12.7
Lost workday cases	6.1	6.5	7.1	6.9	7.1	7.6	8.1	8.2	7.4	7.2	6.0
Nonfatal cases without lost workdays	12.3	11.3	10.8	9.1	9.7	9.1	9.0	8.9	8.1	7.4	6.7
Lost workdays	88.1	103.1	117.2	117.2	113.3	118.1	125.5	127.1	118.6	117.4	100.9
Leather and leather products:											
Total cases	12.6	12.4	11.3	11.2	11.6	11.5	11.7	11.5	11.7	11.5	9.9
Lost workday cases	3.7	3.6	3.6	3.8	4.1	4.4	4.7	4.9	5.0	5.1	4.5
Nonfatal cases without lost workdays	8.8	8.8	7.7	7.3	7.4	7.1	6.9	6.6	6.7	6.4	5.4
Lost workdays	55.2	50.9	53.0	55.4	69.0	68.9	72.5	76.2	82.7	82.6	86.5
Transportation and public utilities											
Total cases	10.8	10.3	10.5	9.4	9.8	9.7	10.1	10.2	9.4	9.0	8.5
Lost workday cases	4.5	4.4	4.8	4.6	5.0	5.3	5.7	5.9	5.5	5.3	4.9
Nonfatal cases without lost workdays	6.3	5.8	5.7	4.8	4.8	4.3	4.3	4.1	3.8	3.7	3.6
Lost workdays	70.7	82.5	89.8	88.2	94.0	95.9	102.3	107.0	104.5	100.6	96.7
Wholesale and retail trade											
Total cases	8.4	8.6	8.4	7.3	7.5	7.7	7.9	8.0	7.4	7.3	7.2
Lost workday cases	2.8	2.7	2.8	2.6	2.8	2.9	3.2	3.4	3.2	3.1	3.1
Nonfatal cases without lost workdays	5.6	6.9	5.6	4.7	4.6	4.8	4.7	4.6	4.2	4.1	4.1
Lost workdays	34.9	37.6	37.4	39.6	43.2	44.0	44.9	49.0	48.7	45.3	45.5
Wholesale trade											
Total cases	9.8	9.8	9.3	8.0	8.1	8.5	8.9	8.8	8.2	7.7	7.1
Lost workday cases	3.4	3.3	3.4	3.2	3.3	3.6	3.9	4.1	3.9	3.6	3.4
Nonfatal cases without lost workdays	6.4	6.4	5.9	4.8	4.8	4.9	5.0	4.7	4.3	4.1	3.7
Lost workdays	42.2	45.5	46.3	48.2	51.8	52.5	57.5	59.1	58.2	54.7	52.1
Retail trades [5]											
Total cases	-	-	-	-	7.2	7.4	7.5	7.7	7.1	7.1	7.2
Lost workday cases	-	-	-	-	2.6	2.7	2.8	3.1	2.9	2.9	2.9
Nonfatal cases without lost workdays	-	-	-	-	4.6	4.7	4.7	4.6	4.2	4.1	4.3
Lost workdays	-	-	-	-	39.7	40.5	39.7	44.7	44.5	41.1	42.6
Finance, insurance, and real estate											
Total cases	2.5	2.4	2.4	2.2	2.0	2.0	2.1	2.1	2.0	1.9	2.0
Lost workday cases	.8	.8	.8	.8	.7	.8	.8	.9	.8	.8	.9
Nonfatal cases without lost workdays	1.7	1.6	1.6	1.4	1.2	1.2	1.2	1.2	1.1	1.1	1.1
Lost workdays	9.9	10.2	10.2	11.4	11.6	10.4	12.5	13.3	12.2	11.6	13.2
Services											
Total cases	6.1	6.2	5.8	5.4	5.3	5.5	5.5	5.5	5.2	5.0	4.9
Lost workday cases	2.0	1.9	1.9	2.0	2.0	2.2	2.4	2.5	2.3	2.3	2.3
Nonfatal cases without lost workdays	4.1	4.2	3.9	3.4	3.3	3.3	3.1	3.0	2.9	2.6	2.6
Lost workdays	26.6	27.5	28.3	32.4	38.4	35.4	36.2	38.1	35.8	35.9	35.8

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[1] Total cases include fatalities. Because of rounding, the difference between the total and the sum of the rates for lost workday cases and nonfatal cases without lost workdays does not reflect the fatality rate.

[2] The incidence rates represent the number of injuries and illnesses or lost workdays per 100 full-time workers and were calculated as: (N/ EH) X 200,000, where:

N = number of injuries and illnesses or lost workdays.

EH = total hours worked by all employees during calendar year.

200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

[3] Data for agricultural production, all of mining except oil and gas extraction, and railroads were not included in the 1972 estimates.

[4] Excludes farms with fewer than 11 employees since 1976.

[5] Estimates of 1972-75 for 2-digit and 3-digit SIC codes in retail trade were published in bulletins 1830, 1874, 1932, and 1981, Bureau of Labor Statistics.

- Data not available.

Table 125. Occupational injury and illness incidence rates by industry, United States, 1972-82—Continued

Industry and type of case [1]	Incidence rates per 100 full-time workers [2]										
	1972 [3]	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Durable goods—Continued											
Primary metal industries:											
Nonfatal cases without lost workdays	15.3	14.5	12.9	10.9	10.3	9.4	9.5	9.2	8.1	7.7	7.0
Lost workdays	100.8	107.1	110.8	116.5	114.8	119.4	123.6	134.7	128.3	121.3	101.6
Fabricated metal products:											
Total cases	22.8	22.7	21.2	19.1	18.9	19.1	19.3	19.9	18.5	17.5	15.3
Lost workday cases	5.9	6.4	6.8	6.5	6.8	7.2	8.0	8.7	8.0	7.5	6.4
Nonfatal cases without lost workdays	16.9	16.3	14.4	12.6	12.0	11.9	11.3	11.2	10.5	10.0	8.9
Lost workdays	80.4	92.0	99.0	102.8	109.8	109.0	112.4	124.2	118.4	109.9	102.5
Machinery, except electrical:											
Total cases	17.1	17.7	16.8	14.9	14.2	14.0	14.4	14.7	13.7	12.9	10.7
Lost workday cases	3.8	4.3	4.8	4.6	4.6	4.7	5.4	5.9	5.5	5.1	4.2
Nonfatal cases without lost workdays	13.2	13.4	12.0	10.3	9.6	9.3	9.0	8.7	8.2	7.8	6.5
Lost workdays	52.0	60.5	65.2	69.7	70.6	69.9	75.1	83.6	81.3	74.9	66.0
Electric and electronic equipment:											
Total cases	10.7	10.8	10.2	8.5	8.5	8.6	8.7	8.6	8.0	7.4	6.5
Lost workday cases	2.4	2.7	2.8	2.5	2.8	3.0	3.3	3.4	3.3	3.1	2.7
Nonfatal cases without lost workdays	8.3	8.1	7.3	6.0	5.7	5.6	5.4	5.2	4.7	4.3	3.8
Lost workdays	35.1	37.3	43.3	41.5	44.9	46.7	50.3	51.9	51.8	48.4	42.2
Transportation equipment:											
Total cases	18.8	16.7	15.1	13.3	12.4	11.8	11.5	11.6	10.6	9.8	9.2
Lost workday cases	4.2	4.6	4.7	4.7	4.7	5.0	5.1	5.5	4.9	4.6	4.0
Nonfatal cases without lost workdays	14.6	12.1	10.4	8.6	7.7	6.8	6.3	6.1	5.7	5.2	5.1
Lost workdays	60.5	67.3	69.5	79.5	73.8	79.3	78.0	85.9	82.4	78.1	72.2
Instruments and related products:											
Total cases	8.7	8.6	8.0	7.1	7.2	7.0	6.9	7.2	6.8	6.5	5.6
Lost workday cases	1.8	2.0	2.2	2.2	2.4	2.4	2.6	2.8	2.7	2.7	2.3
Nonfatal cases without lost workdays	6.8	6.6	5.8	4.9	4.8	4.6	4.3	4.4	4.1	3.8	3.3
Lost workdays	24.5	26.6	31.6	36.6	36.7	37.4	37.0	40.0	41.8	39.2	37.0
Miscellaneous manufacturing industries:											
Total cases	13.5	13.5	12.6	11.5	11.7	11.5	11.8	11.7	10.9	10.7	9.9
Lost workday cases	3.5	3.9	3.8	3.6	4.0	4.0	4.5	4.7	4.3	4.4	4.1
Nonfatal cases without lost workdays	10.0	9.8	8.8	7.8	7.7	7.5	7.3	7.0	6.5	6.3	5.8
Lost workdays	47.7	54.3	58.9	57.4	59.4	58.7	66.4	67.7	67.9	68.3	69.9
Nondurable goods											
Total cases	12.9	12.8	12.6	11.4	11.8	11.8	11.8	11.8	11.1	10.5	3.9
Lost workday cases	3.9	4.1	4.0	4.4	4.7	5.0	5.3	5.0	4.8	9.0	8.8
Nonfatal cases without lost workdays	8.4	7.3	7.4	7.1	6.8	6.5	6.1	5.7	56.8	62.2	65.9
Lost workdays	68.0	72.8	76.3	78.4	82.3	80.4	77.4	19.4	19.2	19.6	18.2
Food and kindred products:											
Total cases	19.3	19.5	19.4	19.9	18.7	17.8	6.8	6.8	7.4	7.3	8.0
Lost workday cases	8.5	8.9	9.5	9.0	8.6	12.6	12.3	12.2	10.9	11.3	11.0
Nonfatal cases without lost workdays	10.5	10.4	9.7	9.2	91.6	98.6	107.7	113.0	123.8	130.1	132.2
Lost workdays	141.8	136.8	130.7	8.5	8.4	8.5	11.0	10.0	9.1	8.7	9.3
Tobacco manufacturers:											
Total cases	8.1	8.2	2.4	2.5	2.8	4.0	4.1	3.8	4.0	4.2	3.8
Lost workday cases	3.9	6.0	5.9	5.6	7.0	5.9	5.3	4.6	5.0	4.3	4.3
Nonfatal cases without lost workdays	37.6	33.0	39.9	57.3	62.5	66.7	58.6	64.8	45.8	56.8	11.6
Lost workdays	11.7	11.0	10.0	10.5	10.2	10.2	9.7	9.1	8.8	2.8	2.6
Textile mill products:											
Total cases	2.5	2.4	2.7	2.9	3.4	3.4	3.3	3.2	8.8	9.1	8.5
Lost workday cases	7.6	7.7	7.3	6.8	6.3	5.8	5.5	45.7	47.2	49.3	47.4
Nonfatal cases without lost workdays	55.5	57.4	61.5	61.3	62.8	59.2	7.5	7.7	7.1	5.9	6.7
Lost workdays	6.7	6.5	6.5	6.4	6.3	1.8	1.9	1.8	1.6	1.9	2.0
Apparel and other textile products:											
Total cases	2.2	2.2	2.2	2.2	5.7	5.8	5.3	4.3	4.8	4.7	4.3
Lost workday cases	4.3	4.2	4.1	22.9	26.1	26.6	27.9	31.0	31.7	32.4	34.1
Nonfatal cases without lost workdays	34.9	35.0	16.0	15.8	15.1	13.4	13.7	13.6	13.5	13.5	12.7
Lost workdays	11.6	4.1	4.3	4.4	4.1	4.7	5.0	5.7	6.0	5.8	5.4
Paper and allied products:											
Total cases	11.9	11.5	10.7	9.2	9.0	8.5	7.8	7.5	6.9	6.2	76.4
Lost workday cases	87.1	85.8	86.7	94.8	101.6	103.3	108.4	112.3	103.6	7.6	7.4
Nonfatal cases without lost workdays	7.5	6.7	6.8	6.8	7.0	7.1	6.9	6.7	2.5	2.3	2.4
Lost workdays	2.4	2.6	2.7	2.9	3.1	3.1	3.0	5.1	5.1	5.0	4.3
Printing and publishing:											
Total cases	4.2	4.1	4.1	4.0	3.8	3.6	31.8	31.8	33.5	38.6	40.3
Lost workday cases	41.7	43.8	45.1	46.5	47.4	10.0	9.7	9.5	8.3	8.2	8.0
Nonfatal cases without lost workdays	7.8	7.7	6.8	6.6	2.8	3.0	2.9	2.8	3.1	3.1	3.3
Lost workdays	3.5	3.1	3.0	7.2	6.7	6.5	5.5	5.1	4.9	4.5	4.2
Chemicals and allied products:											
Total cases	3.7	3.6	43.3	48.6	48.3	48.2	50.6	51.4	50.9	54.9	50.3
Lost workday cases	48.1	10.3	9.7	9.3	9.1	7.9	8.1	7.9	7.7	7.2	6.7

See footnotes at end of table.

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Table 125. Occupational injury and illness incidence rates by industry, United States, 1972-82—Continued

Industry and type of case [1]	1972 [3]	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
	Incidence rates per 100 full-time workers [2]										
Nondurable goods—Continued											
Chemicals and allied products:											
Nonfatal cases without lost workdays	2.6	2.7	3.0	3.1	3.2	3.3	3.4	3.6	3.5	2.9	7.7
Lost workdays	7.0	6.3	6.0	4.7	4.8	4.5	4.1	3.7	3.7	50.2	57.1
Petroleum and coal products:											
Total cases	59.0	63.0	62.5	59.2	58.3	62.0	59.1	51.2	18.4	17.8	18.0
Lost workday cases	16.0	16.8	16.8	17.1	17.1	15.5	14.6	6.1	6.5	7.1	6.9
Nonfatal cases without lost workdays	7.1	7.6	8.1	8.2	7.4	7.2	12.3	11.3	10.8	9.1	9.7
Lost workdays	9.1	9.0	8.9	8.1	7.4	88.1	103.1	117.2	117.2	113.3	118.1
Rubber and miscellaneous plastics products:											
Total cases	125.5	127.1	118.6	117.4	12.6	12.4	11.3	11.2	11.6	11.5	11.7
Lost workday cases	11.5	11.7	11.5	3.7	3.6	3.6	3.8	4.1	4.4	4.7	4.9
Nonfatal cases without lost workdays	5.0	5.1	8.8	8.8	7.7	7.3	7.4	7.1	6.9	6.6	6.7
Lost workdays	6.4	55.2	50.9	53.0	55.4	69.0	68.9	72.5	76.2	82.7	82.6
Leather and leather products:											
Total cases	10.8	10.3	10.5	9.4	9.8	9.7	10.1	10.2	9.4	9.0	4.5
Lost workday cases	4.4	4.8	4.6	5.0	5.3	5.7	5.9	5.5	5.3	6.3	5.8
Nonfatal cases without lost workdays	5.7	4.8	4.8	4.3	4.3	4.1	3.8	3.7	70.7	82.5	89.8
Lost workdays	88.2	94.0	95.9	102.3	107.0	104.5	100.6	8.4	8.6	8.4	7.3
Transportation and public utilities											
Total cases	7.5	7.7	7.9	8.0	7.4	7.3	2.8	2.7	2.8	2.6	2.8
Lost workday cases	2.9	3.2	3.4	3.2	3.1	5.6	6.9	5.6	4.7	4.6	4.8
Nonfatal cases without lost workdays	4.7	4.6	4.2	4.1	34.9	37.6	37.4	39.6	43.2	44.0	44.9
Lost workdays	49.0	48.7	45.3	9.8	9.8	9.3	8.0	8.1	8.5	8.9	8.8
Wholesale and retail trade											
Total cases	8.2	7.7	3.4	3.3	3.4	3.2	3.3	3.6	3.9	4.1	3.9
Lost workday cases	3.6	6.4	6.4	5.9	4.8	4.8	4.9	5.0	4.7	4.3	4.1
Nonfatal cases without lost workdays	42.2	45.5	46.3	48.2	51.8	52.5	57.5	59.1	58.2	54.7	–
Lost workdays	–	–	–	7.2	7.4	7.5	7.7	7.1	7.1	–	–
Wholesale trade											
Total cases	–	–	2.6	2.7	2.8	3.1	2.9	2.9	–	–	–
Lost workday cases	–	4.6	4.7	4.7	4.6	4.2	4.1	–	–	–	–
Nonfatal cases without lost workdays	39.7	40.5	39.7	44.7	44.5	41.1	2.5	2.4	2.4	2.2	2.0
Lost workdays	2.0	2.1	2.1	2.0	1.9	.8	.8	.8	.8	.7	.8
Retail trades [5]											
Total cases	.8	.9	.8	.8	1.7	1.6	1.6	1.4	1.2	1.2	1.2
Lost workday cases	1.2	1.1	1.1	9.9	10.2	10.2	11.4	11.6	10.4	12.5	13.3
Nonfatal cases without lost workdays	12.2	11.6	6.1	6.2	5.8	5.4	5.3	5.5	5.5	5.5	5.2
Lost workdays	5.0	2.0	1.9	1.9	2.0	2.0	2.2	2.4	2.5	2.3	2.3
Finance, insurance, and real estate											
Total cases	4.1	4.2	3.9	3.4	3.3	3.3	3.1	3.0	2.9	2.6	26.6
Lost workday cases	27.5	28.3	32.4	38.4	35.4	36.2	38.1	35.8	35.9	–	–
Nonfatal cases without lost workdays	–	–	–	–	–	–	–	–	–	–	–
Lost workdays	–	–	–	–	–	–	–	–	–	–	–
Services											
Total cases	–	–	–	–	–	–	–	–	–	–	–
Lost workday cases	–	–	–	–	–	–	–	–	–	–	–
Nonfatal cases without lost workdays	–	–	–	–	–	–	–	–	–	–	–
Lost workdays	–	–	–	–	–	–	–	–	–	–	–

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[1] Total cases include fatalities. Because of rounding, the difference between the total and the sum of the rates for lost workday cases and nonfatal cases without lost workdays does not reflect the fatality rate.

[2] The incidence rates represent the number of injuries and illnesses or lost workdays per 100 full-time workers and were calculated as: (N/ EH) X 200,000, where:

N = number of injuries and illnesses or lost workdays.

EH = total hours worked by all employees during calendar year.

200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

[3] Data for agricultural production, all of mining except oil and gas extraction, and railroads were not included in the 1972 estimates.

[4] Excludes farms with fewer than 11 employees since 1976.

[5] Estimates of 1972-75 for 2-digit and 3-digit SIC codes in retail trade were published in bulletins 1830, 1874, 1932, and 1981, Bureau of Labor Statistics.

- Data not available.

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Technical Notes

Foreign Labor Statistics

(Covers tables 126–138)

From its inception, BLS has conducted a program of research and statistical analysis to compare labor conditions in the United States and selected foreign countries. The principal comparative measures cover the labor force, employment, and unemployment; productivity, hourly compensation, and unit labor costs; average hourly earnings and estimated levels of hourly compensation costs; trends in prices and real earnings; and industrial disputes. All of the measures are based upon statistical data and other source materials from (a) the statistical agencies of the foreign countries studied; (b) international and supranational bodies such as the United Nations, the International Labour Office (ILO), the Organization for Economic Cooperation and Development (OECD), and the European Community (EC), which attempt to obtain comparable country data; and (c) other secondary sources. The Bureau does not initiate surveys or data collection programs abroad.

International comparisons based on foreign labor data are limited because statistical concepts and methods in each country are fashioned primarily to meet domestic rather than international needs. In some cases, the data are sufficiently similar in definition and concept for valid comparisons. In other cases, there are substantial conceptual differences and the Bureau adjusts the data to improve comparability or attempts to describe the differences so users will not draw misleading conclusions. In adjusting the data for greater comparability, the Bureau must depend on the availability of relevant information, and, in some instances, it is necessary to make estimates based on incomplete data. Therefore, it is possible to achieve only approximate statistical comparability among countries.

The basic labor force and unemployment statistics of most foreign countries require some adjustment to bring them into closer comparability with U.S. data. This is particularly true for meaningful comparisons of unemployment rates. The statistical incomparability of national figures on unemployment is attributable to two chief causes: (1) Differences in the systems for collecting data, and (2) differences in concepts or definitions. Table 126 provides the Bureau's current estimates of the civilian labor force, employment, employment-to-population ratios, and unemployment approximating U.S. concepts. While adjustments have been made for all known major definitional differences, it should be recognized that it is possible to achieve only approximate statistical comparability among the countries. Nevertheless, the adjusted figures provide a better basis for international comparisons than the figures regularly published by each country. It should also be recognized that inter-country differences in unemployment rates reflect substantial differences in social and institutional arrangements, as well as in economic performance.

Table 127 provides civilian labor force participation rates by sex. These data relate to the civilian labor force approximating U.S. concepts as a percent of the civilian noninstitutionalized working age population. Table 128 provides civilian employment by major economic sector: Agriculture, industry, manufacturing, and services. For some countries, these sectoral data could not be fully adjusted to U.S. definitions. However, remaining differences are believed to be small.

Table 129 provides indexes of manufacturing productivity (as measured by output per hour), hourly compensation, unit labor costs (labor compensation per unit of output), and related measures for the United States and 11 other countries. The indexes are constructed from three aggregate measures—manufacturing output, total hours, and total compensation. For most countries, the measures refer to total manufacturing as defined by the International Standard Industrial Classification, but for some countries, coverage of one or all measures is not exact. The hourly compensation and unit labor cost indexes are computed in U.S. dollar values as well as in national currency units so that changes in costs can be related to international trade competition.

Indexes of trade-weighted relative trends in manufacturing productivity, hourly compensation, and unit labor costs for the same 12 countries are shown in table 130. The indexes of relative trends represent ratios of each country's own indexes to weighted geometric averages of the indexes of the other 11 countries. The weights used to combine the other country indexes reflect the relative importance of each country as a manufacturing trade competitor.

Table 131 provides statistics on average weekly hours of production workers in manufacturing in selected countries. The statistics are those collected through establishment surveys of employment, earnings, and hours by the statistical agencies of each country. They are not adjusted for comparability.

For international comparisons, BLS makes estimates of hourly compensation costs for production workers in manufacturing. These measures provide a better basis for comparisons of labor costs than the earnings statistics which are regularly published by many countries. Average hourly earnings do not include all items of labor compensation, nor do they include the same items of compensation for every country. The Bureau computes total compensation by adjusting regularly published average hourly earnings statistics for the items of compensation not included in earnings. Adjustment factors are obtained primarily from periodic labor cost surveys interpolated or projected to nonsurvey years on the basis of other available information; or they are obtained from surveys of manufactures or reports on social security and fringe benefit systems. For consistency, compensation is measured on an hours-worked basis for every country.

Hourly compensation is converted to U.S. dollars using the average daily exchange rate for the reference period. Changes in hourly compensation in U.S. dollars from one period to another are, therefore, affected by changes in currency exchange rates as well as by changes in compensation.

Hourly compensation in U.S. dollars indicates comparative levels of employer labor costs. However, because prices of goods and services vary greatly among countries and the commercial market exchange rates used to compare employer labor costs are not reliable indicators of relative differences in prices, these compensation figures do not indicate relative living standards of workers.

Because compensation is partly estimated, the statistics should not be considered as precise measures of comparative compensation costs. In addition, the compensation figures shown for a number of countries are the midpoint of an estimated average compensation range.

Table 132 presents hourly compensation costs and the average hourly earnings of production workers in manufacturing for 34 countries. Table 133 presents comparative figures on hourly direct pay as well as hourly compensation costs for 10 countries. The structure of compensation is shown for selected years for these same 10 countries in table 134. The sources of the structure data are primarily periodic labor cost surveys from which the hourly compensation adjustment factors are obtained.

Indexes of real hourly and weekly compensation of manufacturing employees are presented in table 135 for the 12 countries covered by the manufacturing productivity and labor cost series. The real compensation indexes are computed by adjusting the indexes of nominal hourly and weekly compensation by indexes of consumer prices. Real compensation measures the constant purchasing power of total labor compensation, including employer (and employee) payments to both current and deferred social benefit plans as well as the current labor income of employees. The differences between the real hourly and weekly compensation trends reflect changes in average hours.

Table 136 provides consumer price index statistics for selected countries. The indexes reflect the market basket of goods and services purchased by the whole population or by a particular population group in each country. No adjustments for comparability are made in the total indexes except to convert them to a uniform base year (1967 = 100). Indexes are also presented for selected component expenditure categories for several countries. For some of the countries, adjustments have been made to the published indexes—by combining or removing items—in order to obtain more consistent categories.

In addition to consumer price indexes, most countries calculate indexes designed to measure changes in the level of commodity prices at a stage of distribution other than retail. These indexes are usually referred to as either wholesale or producer price indexes, but the distinction between these two terms does not follow any set rules common to all countries. In addition, there are major differences in the methods of index compilation among countries. Table 137 provides indexes of wholesale and producer prices for seven industrial countries listed by their offical titles and unadjusted for comparability.

Table 138 provides statistics on the number of work stoppages and their severity rates, as measured by days lost per thousand employees in nonagricultural industries, for 14 industrial countries. The data relate to work stoppages in all sectors of the economy, except for France, which excludes work stoppages in agriculture and public administration, and Italy, where work stoppages in agriculture have been excluded. The data are from the ILO *Year Book of Labour Statistics* and national statistical publications and are not adjusted for comparability. "Work stoppages" usually refer to strikes and lockouts, although the exact definition differs from country to country. Differences in definitions are summarized in footnotes to the table.

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Table 126. Labor force, employment, and unemployment, selected countries, 1959–83

Item and year	United States	Canada [1]	Australia	Japan	France	Germany F.R. [2]	Great Britain	Italy	Nether-lands	Sweden
Civilian labor force, approximating U.S. concepts (in thousands)										
1959	68,369	6,286	(3)	43,320	18,960	25,850	23,330	20,900	(3)	3,609
1960	69,628	6,462	(3)	44,120	18,970	25,990	23,580	20,730	(3)	3,679
1961	70,459	6,575	(3)	44,610	18,940	26,160	23,830	20,750	(3)	3,695
1962	70,614	6,670	(3)	45,040	19,080	26,210	24,180	20,610	(3)	3,718
1963	71,833	6,805	(3)	45,430	19,280	26,290	24,400	20,190	(3)	3,724
1964	73,091	6,994	4,559	46,040	19,650	26,270	24,520	20,160	(3)	3,719
1965	74,455	7,207	4,689	46,780	19,750	26,380	24,670	19,810	(3)	3,743
1966	75,770	7,493	4,862	47,850	20,010	26,290	24,760	19,540	(3)	3,794
1967	77,347	7,747	5,022	48,810	20,110	25,730	24,740	19,710	(3)	3,772
1968	78,737	7,951	5,140	49,690	20,360	25,690	24,620	19,700	(3)	3,822
1969	80,734	8,194	5,284	50,140	20,770	25,960	24,600	19,530	(3)	3,851
1970	82,771	8,395	5,478	50,730	20,830	26,240	24,510	19,650	(3)	3,909
1971	84,382	8,639	5,624	51,120	21,000	26,420	24,390	19,580	(3)	3,955
1972	87,034	8,897	5,752	51,320	21,140	26,340	24,610	19,380	(3)	3,964
1973	89,429	9,276	5,901	52,590	21,380	26,540	24,860	19,550	4,710	3,971
1974	91,949	9,639	6,053	52,440	21,590	26,400	24,890	19,890	4,770	4,037
1975	93,775	9,974	6,169	52,530	21,640	26,130	25,150	20,080	4,820	4,123
1976	96,158	10,203	6,244	53,100	21,870	25,900	25,330	20,300	4,890	4,149
1977	99,009	10,500	6,358	53,820	22,140	25,870	25,450	20,530	4,950	4,168
1978	102,251	10,895	6,443	54,610	22,310	26,000	25,600	20,630	5,010	4,203
1979	104,962	11,231	6,519	55,210	22,500	26,240	25,780	20,910	5,100	4,262
1980	106,940	11,573	6,693	55,740	22,580	26,500	25,920	21,210	5,280	4,312
1981	108,670	11,904	6,810	56,320	[4] 22,690	26,630	[4] 25,980	21,380	5,480	4,326
1982	110,204	11,958	6,910	56,980	[4] 22,960	[4] 26,670	[4] 25,780	21,410	[4] 5,550	4,350
1983	111,550	12,183	6,997	58,110	[4] 22,920	[4] 26,540	[4] 25,730	[4] 21,530	[4] 5,780	4,369
Civilian employment, approximating U.S. concepts (in thousands)										
1959	64,630	5,936	(3)	42,340	18,630	25,340	22,680	20,020	(3)	3,549
1960	65,778	6,042	(3)	43,370	18,670	25,710	23,080	20,060	(3)	3,616
1961	65,746	6,136	(3)	43,950	18,670	26,000	23,380	20,160	(3)	3,640
1962	66,702	6,302	(3)	44,450	18,830	26,060	23,530	20,100	(3)	3,663
1963	67,762	6,454	(3)	44,840	19,040	26,170	23,600	19,770	(3)	3,662
1964	69,305	6,688	4,496	45,500	19,390	26,170	23,930	19,680	(3)	3,661
1965	71,088	6,944	4,628	46,210	19,470	26,310	24,160	19,210	(3)	3,699
1966	72,895	7,242	4,785	47,200	19,660	26,220	24,220	18,900	(3)	3,735
1967	74,372	7,451	4,928	48,180	19,740	25,390	23,940	19,120	(3)	3,692
1968	75,920	7,593	5,046	49,100	19,870	25,400	23,830	19,090	(3)	3,737
1969	77,902	7,832	5,188	49,570	20,310	25,790	23,860	18,930	(3)	3,778
1970	78,678	7,919	5,388	50,140	20,320	26,100	23,750	19,090	(3)	3,850
1971	79,367	8,104	5,517	50,480	20,430	26,260	23,350	19,020	(3)	3,854
1972	82,153	8,344	5,601	50,590	20,550	26,150	23,570	18,730	(3)	3,857
1973	85,064	8,761	5,765	51,910	20,810	26,350	24,070	18,920	4,560	3,873
1974	86,794	9,125	5,891	51,710	20,960	25,980	24,120	19,340	4,590	3,956
1975	85,846	9,284	5,866	51,530	20,730	25,230	24,000	19,470	4,570	4,056
1976	88,752	9,477	5,946	52,020	20,870	25,010	23,820	19,600	4,630	4,083
1977	92,017	9,651	6,000	52,720	21,050	24,970	23,840	19,790	4,700	4,093
1978	96,048	9,987	6,038	53,370	21,110	25,130	24,000	19,870	4,750	4,109
1979	98,824	10,395	6,111	54,040	21,120	25,460	24,340	20,100	4,830	4,174
1980	99,303	10,708	6,284	54,600	21,120	25,730	24,100	20,380	4,960	4,226
1981	100,397	11,006	6,416	55,060	[4] 20,950	25,550	[4] 23,250	20,460	4,990	4,218
1982	99,526	10,644	6,415	55,620	[4] 20,970	[4] 25,090	[4] 22,640	20,390	[4] 4,870	4,213
1983	100,834	10,734	6,300	56,550	[4] 20,890	[4] 24,600	[4] 22,280	[4] 20,410	[4] 4,770	4,218

See footnotes at end of table.

Table 126. Labor force, employment, and unemployment, selected countries, 1959-83—Continued

Item and year	United States	Canada [1]	Australia	Japan	France	Germany F.R. [2]	Great Britain	Italy	Netherlands	Sweden
Civilian employment-population ratio, approximating U.S. concepts [5] (percent)										
1960	56.1	52.6	(3)	66.7	59.5	59.4	61.1	54.0	(3)	65.6
1961	55.4	52.4	(3)	66.8	58.9	59.6	61.3	54.0	(3)	65.8
1962	55.5	52.9	(3)	66.0	58.1	59.3	60.8	53.1	(3)	65.4
1963	55.4	53.1	(3)	64.8	57.2	59.2	60.6	51.9	(3)	64.2
1964	55.7	53.8	58.6	64.1	57.4	58.8	61.0	51.1	(3)	63.5
1965	56.2	54.5	59.1	63.6	56.8	58.6	61.2	49.6	(3)	63.3
1966	56.9	55.4	59.6	63.7	56.8	58.0	61.1	48.1	(3)	63.2
1967	57.3	55.4	60.0	64.0	56.5	56.3	60.2	48.5	(3)	62.0
1968	57.5	55.0	60.0	64.1	56.2	56.2	59.9	47.9	(3)	62.4
1969	58.0	55.3	60.2	63.9	56.8	56.6	59.7	47.6	(3)	62.6
1970	57.4	54.5	61.1	63.8	56.2	56.6	59.3	47.4	(3)	63.1
1971	56.6	54.5	61.1	63.4	55.8	56.2	58.4	47.1	(3)	62.6
1972	57.0	54.9	60.6	62.9	55.6	55.5	58.7	45.9	(3)	62.4
1973	57.8	56.4	61.2	63.2	55.7	55.4	60.9	45.9	46.4	62.5
1974	57.8	57.3	61.3	62.2	55.5	54.2	60.8	46.2	46.4	63.6
1975	56.1	56.9	60.1	61.2	54.4	52.5	60.3	46.0	46.6	64.8
1976	56.8	56.7	59.7	61.1	54.3	52.0	59.6	46.1	46.5	64.9
1977	57.9	56.6	59.2	61.2	54.3	51.6	59.3	46.3	46.5	64.8
1978	59.3	57.5	58.1	61.3	54.1	51.5	59.3	45.9	46.3	64.6
1979	59.9	58.7	57.9	61.4	53.6	51.7	59.8	46.0	46.4	65.3
1980	59.2	59.3	58.4	61.3	53.1	51.6	58.9	46.1	46.9	65.6
1981	59.0	59.9	58.4	61.2	[4] 52.3	50.7	[4] 55.9	45.9	46.5	65.1
1982	57.8	57.0	57.3	61.2	[4] 52.0	[4] 49.9	[4] 54.2	45.2	[4] 45.1	[4] 64.8
1983	57.9	56.7	55.4	61.4	[4] 51.5	[4] 49.1	(3)	[4] 44.8	[4] 44.0	[4] 64.7
Unemployment, approximating U.S. concepts (in thousands)										
1959	3,740	350	(3)	980	330	510	650	880	(3)	60
1960	3,852	420	(3)	750	300	280	500	670	(3)	63
1961	4,714	439	(3)	660	270	160	450	590	(3)	55
1962	3,911	368	(3)	590	250	150	650	510	(3)	55
1963	4,070	351	(3)	590	240	120	800	420	(3)	62
1964	3,786	306	63	540	260	100	590	480	(3)	58
1965	3,366	263	61	570	280	70	510	600	(3)	44
1966	2,875	251	76	650	350	70	540	640	(3)	59
1967	2,975	296	94	630	370	340	800	590	(3)	80
1968	2,817	358	94	590	490	290	790	610	(3)	85
1969	2,832	362	96	570	460	170	740	600	(3)	73
1970	4,093	476	91	590	510	140	760	560	(3)	59
1971	5,016	535	107	640	570	160	940	560	(3)	101
1972	4,882	553	150	730	590	190	1,040	650	(3)	107
1973	4,365	515	136	680	570	190	790	630	150	98
1974	5,156	514	162	730	630	420	770	550	180	80
1975	7,929	690	302	1,000	910	890	1,150	610	250	67
1976	7,406	726	298	1,080	1,000	890	1,510	700	260	66
1977	6,991	849	358	1,100	1,090	900	1,610	740	250	75
1978	6,202	908	405	1,240	1,200	870	1,590	760	260	94
1979	6,137	836	408	1,170	1,380	780	1,430	810	270	88
1980	7,637	865	409	1,140	1,460	770	1,810	830	320	86
1981	8,273	898	394	1,260	[4] 1,740	1,090	[4] 2,730	920	490	108
1982	10,678	1,314	495	1,360	[4] 1,990	[4] 1,580	[4] 3,140	1,020	[4] 680	137
1983	10,717	1,448	697	1,560	[4] 2,030	[4] 1,940	[4] 3,450	[4] 1,120	[4] 1,010	151

See footnotes at end of table.

Table 126. Labor force, employment, and unemployment, selected countries, 1959-83—Continued

Item and year	United States	Canada [1]	Australia	Japan	France	Germany F.R. [2]	Great Britain	Italy	Nether-lands	Sweden
Civilian unemployment rate, approximating U.S. concepts [6] (percent)										
1959	5.5	5.6	[7] 2.1	2.3	1.7	2.0	2.8	4.2	([3])	1.7
1960	5.5	6.5	[7] 1.6	1.7	1.6	1.1	2.1	3.2	([3])	1.7
1961	6.7	6.7	[7] 3.0	1.5	1.4	.6	1.9	2.8	([3])	1.5
1962	5.5	5.5	[7] 2.9	1.3	1.3	.6	2.7	2.5	([3])	1.5
1963	5.7	5.2	[7] 2.3	1.3	1.2	.5	3.3	2.1	([3])	1.7
1964	5.2	4.4	1.4	1.2	1.3	.4	2.4	2.4	([3])	1.6
1965	4.5	3.6	1.3	1.2	1.4	.3	2.1	3.0	([3])	1.2
1966	3.8	3.4	1.6	1.4	1.7	.3	2.2	3.3	([3])	1.6
1967	3.8	3.8	1.9	1.3	1.8	1.3	3.2	3.0	([3])	2.1
1968	3.6	4.5	1.8	1.2	2.4	1.1	3.2	3.1	([3])	2.2
1969	3.5	4.4	1.8	1.1	2.2	.6	3.0	3.1	([3])	1.9
1970	4.9	5.7	1.6	1.2	2.4	.5	3.1	2.8	([3])	1.5
1971	5.9	6.2	1.9	1.3	2.7	.6	3.9	2.9	([3])	2.6
1972	5.6	6.2	2.6	1.4	2.8	.7	4.2	3.4	([3])	2.7
1973	4.9	5.5	2.3	1.3	2.7	.7	3.2	3.2	3.2	2.5
1974	5.6	5.3	2.7	1.4	2.9	1.6	3.1	2.8	3.8	2.0
1975	8.5	6.9	4.9	1.9	4.2	3.4	4.6	3.0	5.2	1.6
1976	7.7	7.1	4.8	2.0	4.6	3.4	6.0	3.4	5.3	1.6
1977	7.1	8.1	5.6	2.0	4.9	3.5	6.3	3.6	5.0	1.8
1978	6.1	8.3	6.3	2.3	5.4	3.4	6.2	3.7	5.2	2.2
1979	5.8	7.4	6.3	2.1	6.1	3.0	5.6	3.9	5.3	2.1
1980	7.1	7.5	6.1	2.0	6.5	2.9	7.0	3.9	6.1	2.0
1981	7.6	7.5	5.8	2.2	[4] 7.7	4.1	[4] 10.5	4.3	8.9	2.5
1982	9.7	11.0	7.2	2.4	[4] 8.7	[4] 5.9	[4] 12.2	4.8	[4] 12.2	3.1
1983	9.6	11.9	10.0	2.7	[4] 8.8	[4] 7.3	[4] 13.4	[4] 5.2	[4] 17.5	3.5
Unemployment rate, as published [5] [8] (percent)										
1959	5.5	6.0	[7] 2.1	2.2	1.3	2.6	2.0	7.0	1.5	[9] 1.7
1960	5.5	7.0	[7] 1.6	1.7	1.3	1.3	1.5	5.6	.9	[9] 1.7
1961	6.7	7.2	[7] 3.0	1.4	1.1	.8	1.4	5.1	.6	1.5
1962	5.5	5.9	[7] 2.9	1.3	1.2	.7	1.9	4.5	.6	1.5
1963	5.7	5.5	[7] 2.3	1.3	1.4	.8	2.3	3.9	.7	1.7
1964	5.2	4.7	1.4	1.1	1.1	.8	1.6	4.3	.6	1.6
1965	4.5	3.9	1.3	1.2	1.4	.7	1.4	5.4	.7	1.2
1966	3.8	3.4	1.6	1.3	1.4	.7	1.4	5.9	1.0	1.6
1967	3.8	3.8	1.9	1.3	1.8	2.1	2.2	5.4	2.0	2.1
1968	3.6	4.5	1.8	1.2	2.1	1.5	2.4	5.7	1.8	2.2
1969	3.5	4.4	1.8	1.1	2.3	.9	2.4	5.7	1.3	1.9
1970	4.9	5.7	1.6	1.1	2.4	.7	2.5	5.4	1.1	1.5
1971	5.9	6.2	1.9	1.2	2.7	.8	3.2	5.4	1.6	2.5
1972	5.6	6.2	2.6	1.4	2.8	1.1	3.6	6.4	2.8	2.7
1973	4.9	5.5	2.3	1.3	2.7	1.2	2.5	6.4	2.8	2.5
1974	5.6	5.3	2.7	1.4	2.8	2.6	2.5	5.4	3.5	2.0
1975	8.5	6.9	4.9	1.9	4.2	4.7	3.9	5.9	5.0	1.6
1976	7.7	7.1	4.8	2.0	4.5	4.6	5.4	6.7	5.3	1.6
1977	7.1	8.1	5.6	2.0	4.8	4.5	5.7	7.2	5.1	1.8
1978	6.1	8.3	6.3	2.2	5.3	4.3	5.6	7.2	5.1	2.2
1979	5.8	7.4	6.3	2.1	6.0	3.8	5.2	7.7	5.1	2.1
1980	7.1	7.5	6.1	2.0	6.4	3.8	6.7	7.6	5.9	2.0
1981	7.6	7.5	5.8	2.2	7.5	5.5	10.3	8.4	9.1	2.5
1982	9.7	11.0	7.2	2.4	8.2	7.5	12.1	9.1	12.6	3.1
1983	9.6	11.9	10.0	2.6	([3])	9.1	12.8	9.9	16.9	3.5

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[1] For 1959-65, BLS estimates based on new Canadian survey definitions.

[2] Including West Berlin.

[3] Not available.

[4] Preliminary estimates based on incomplete data.

[5] The institutionalized population is included in Japan and Germany.

[6] For the United States and Australia, published and adjusted data are identical. For Canada, published and adjusted data are identical from 1966 onward.

[7] The Australian labor force survey was initiated in 1964. Unemployment rates for 1959-63 are estimates made by an Australian researcher. Employment-population ratios for 1978-83 have not been recalculated to incorporate the results of the 1981 population census.

[8] For the United States, Canada, Australia, and France, unemployment as a percent of the civilian labor force; for Japan, Italy, and Sweden, unemployment as a percent of the civilian labor force plus career military personnel; for Germany, Great Britain, and the Netherlands, registered unemployed (excluding adult students in Great Britain) as a percent of employed wage and salary workers plus the unemployed. With the exception of France, which does not publish an unemployment rate, these are the usually published unemployment rates for each country.

[9] The Swedish labor force survey was initiated 1961. The published data for 1959 and 1960 are estimates made by the Organization for Economic Cooperation and Development.

Table 127. Labor force participation rates by sex, selected countries, 1960–1983

Sex and year	United States	Canada	Australia	Japan	France	Germany F.R. [1]	Great Britain	Italy	Netherlands	Sweden
BOTH SEXES										
1960	59.4	[2] 56.2	(3)	67.9	[4] 59.7	60.0	62.4	55.8	(3)	66.7
1961	59.3	[2] 56.2	(3)	67.8	(3)	59.9	62.5	55.5	(3)	66.8
1962	58.8	[2] 56.0	(3)	66.9	[4] 59.4	59.6	62.5	54.5	(3)	66.4
1963	58.7	[2] 55.9	(3)	65.7	58.4	59.4	62.6	53.0	(3)	65.3
1964	58.7	[2] 56.2	59.4	64.8	[4] 58.3	59.0	62.5	52.3	(3)	64.5
1965	58.9	[2] 56.5	59.9	64.5	57.7	58.7	62.5	51.2	(3)	64.1
1966	59.2	57.3	60.6	64.6	[4] 57.8	58.2	62.5	49.7	(3)	64.2
1967	59.6	57.6	61.2	64.8	57.0	57.0	62.2	49.9	(3)	63.3
1968	59.6	57.6	61.2	64.9	56.6	56.9	61.8	49.5	(3)	63.8
1969	60.1	57.9	61.4	64.6	56.3	57.0	61.6	49.1	(3)	63.8
1970	60.4	57.8	62.1	64.5	56.4	56.9	61.2	48.8	(3)	64.0
1971	60.2	58.1	62.2	64.2	56.1	56.6	61.0	48.5	(3)	64.2
1972	60.4	58.6	62.3	63.8	56.3	55.9	61.3	47.5	(3)	64.2
1973	60.8	59.7	62.6	64.0	56.2	55.8	62.9	47.4	[5] 51.3	64.1
1974	61.2	60.5	63.0	63.0	56.3	55.1	62.7	47.5	(3)	64.9
1975	61.2	61.1	63.2	62.4	57.0	54.4	63.2	47.5	[5] 51.3	65.9
1976	61.6	61.1	62.7	62.4	57.0	53.8	63.3	47.8	(3)	66.0
1977	62.3	61.6	62.7	62.5	57.3	53.4	63.3	48.0	[5] 50.9	65.9
1978	63.2	62.7	62.0	62.8	56.7	53.3	63.4	47.7	(3)	66.1
1979	63.7	63.4	61.7	62.7	57.2	53.3	63.3	47.8	[5] 50.9	66.6
1980	63.8	64.1	62.2	62.6	56.0	53.2	63.3	48.0	(3)	66.9
1981	63.9	64.8	62.0	62.6	55.8	52.9	[6] 62.5	48.0	[5] 52.4	66.8
1982	64.0	64.1	61.8	62.7	(3)	[6] 53.0	[6] 61.7	47.4	(3)	[6] 66.9
1983	64.0	64.4	61.5	63.1	(3)	[6] 53.0	(3)	[6] 47.2	(3)	[6] 67.0
Men										
1960	83.3	[2] 82.8	(3)	84.2	[4] 81.4	82.7	88.1	82.0	(3)	(3)
1961	82.9	[2] 81.8	(3)	84.3	(3)	82.7	87.6	81.5	(3)	87.1
1962	82.0	[2] 81.1	(3)	83.6	[4] 80.9	82.2	86.9	80.4	(3)	85.4
1963	81.4	[2] 80.5	(3)	82.5	80.6	81.8	86.9	79.1	(3)	83.7
1964	81.0	[2] 80.1	85.3	81.5	[4] 79.6	81.4	86.0	78.5	(3)	83.0
1965	80.7	[2] 79.9	85.1	81.1	78.8	80.8	85.5	77.3	(3)	82.2
1966	80.4	79.8	85.4	81.1	[4] 78.5	80.5	85.0	75.7	(3)	81.6
1967	80.4	79.3	84.9	81.0	77.1	79.3	84.9	75.9	(3)	80.4
1968	80.1	78.6	84.5	81.7	75.6	79.0	83.9	74.9	(3)	80.1
1969	79.8	78.3	84.2	81.5	74.9	79.0	83.2	74.2	(3)	79.1
1970	79.7	77.8	84.1	81.5	74.9	78.7	82.2	73.5	(3)	78.5
1971	79.1	77.3	83.8	81.9	74.4	77.8	81.6	73.2	(3)	76.0
1972	79.0	77.5	83.6	81.9	74.1	76.1	81.3	71.8	(3)	77.3
1973	78.8	78.2	83.2	81.9	73.3	75.3	82.8	71.0	[5] 75.5	76.8
1974	78.7	78.7	82.7	81.6	73.0	74.1	81.2	70.8	(3)	76.7
1975	77.9	78.4	82.2	81.2	73.2	73.1	81.4	70.4	[5] 74.7	77.0
1976	77.5	77.6	81.5	81.0	72.6	72.1	81.3	70.2	(3)	76.5
1977	77.7	77.7	81.0	80.4	71.6	71.6	80.7	69.2	[5] 73.4	75.6
1978	77.9	78.1	79.8	80.1	71.4	71.3	80.2	68.6	(3)	75.1
1979	77.8	78.5	79.5	79.9	71.6	71.1	79.8	68.2	[5] 71.8	75.1
1980	77.4	78.4	79.2	79.6	70.6	70.4	79.4	67.8	(3)	74.9
1981	77.0	78.4	78.9	79.6	69.9	69.6	[6] 78.5	67.6	[5] 71.8	73.8
1982	76.6	77.0	78.4	79.3	(3)	[6] 69.4	[6] 77.2	66.6	(3)	[6] 73.6
1983	76.4	76.7	77.7	79.2	(3)	(3)	(3)	(3)	(3)	[6] 73.2

See footnotes at end of table.

Table 127. Labor force participation rates by sex, selected countries, 1960-1983—Continued

Sex and year	United States	Canada	Australia	Japan	France	Germany F.R. [1]	Great Britain	Italy	Netherlands	Sweden
Women										
1960	37.7	[2] 30.1	(3)	52.7	[4] 41.6	41.2	39.9	32.2	(3)	(3)
1961	38.1	[2] 31.0	(3)	52.4	(3)	41.0	40.4	32.3	(3)	46.1
1962	37.9	[2] 31.3	(3)	51.3	[4] 41.3	40.7	40.7	31.4	(3)	47.1
1963	38.3	[2] 31.9	(3)	50.0	39.5	40.7	41.0	29.6	(3)	47.5
1964	38.7	[2] 32.9	33.8	49.3	[4] 40.1	40.3	41.4	28.6	(3)	46.8
1965	39.3	[2] 33.8	34.8	48.8	39.3	40.0	41.9	27.6	(3)	46.6
1966	40.3	35.4	36.3	49.2	[4] 40.0	39.4	42.3	26.3	(3)	47.3
1967	41.1	36.5	37.8	49.6	39.5	38.4	42.2	26.4	(3)	46.8
1968	41.6	37.1	38.3	49.2	39.8	38.5	42.1	26.3	(3)	48.0
1969	42.7	38.0	39.0	48.8	39.9	38.5	42.2	26.4	(3)	48.8
1970	43.3	38.3	40.4	49.3	40.1	38.4	42.4	26.2	(3)	50.0
1971	43.4	39.4	41.0	47.7	39.8	38.5	42.5	26.1	(3)	50.9
1972	43.9	40.2	41.2	46.8	40.5	38.6	43.3	25.4	(3)	51.5
1973	44.7	41.9	42.4	47.3	41.0	38.9	45.0	25.9	[5] 27.4	51.7
1974	45.7	43.0	43.5	45.7	41.6	38.8	46.2	26.3	(3)	53.3
1975	46.3	44.4	44.5	44.8	42.5	38.4	46.7	26.6	[5] 28.0	55.2
1976	47.3	45.2	44.3	44.8	42.9	38.2	47.1	27.5	(3)	55.8
1977	48.4	46.0	44.8	45.7	44.2	37.8	47.5	28.6	[5] 28.8	56.7
1978	50.0	47.9	44.5	46.4	43.3	37.8	48.1	28.6	(3)	57.5
1979	50.9	49.0	44.3	46.6	44.3	37.9	48.8	29.2	[5] 30.2	58.5
1980	51.5	50.4	45.5	46.6	42.7	38.2	48.5	29.9	(3)	59.3
1981	52.1	51.7	45.5	46.7	43.1	38.3	[6] 48.0	30.1	[5] 33.3	60.1
1982	52.6	51.7	45.4	47.0	(3)	[6] 38.7	[6] 47.6	29.9	(3)	[6] 60.7
1983	52.9	52.6	45.5	48.0	(3)	(3)	(3)	(3)	(3)	[6] 61.2

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[1] Including West Berlin.

[2] BLS estimates based on new survey definitions. Statistics Canada revised the data for 1966 onward on the new survey basis.

[3] Not available.

[4] Data for October of 1960, 1962, 1964, and 1966. Data for all other years are for March.

[5] Data are for March-May.

[6] Preliminary estimate.

NOTE: Data relate to the civilian labor force approximating U.S. concepts as a percent of the civilian noninstitutionalized working age population. Working age is defined as 16-year-olds and over in the United States, France, and Sweden; 15-year-olds and over in Australia, Canada, Germany, and Japan; and 14-year-olds and over in Italy. For Great Britain, the lower age limit was raised from 15 to 16 in 1973. For the Netherlands, the lower age limit was raised from 14 to 15 in 1975. The institutionalized working age population is included in Japan and Germany. Australian data for 1978-83 have not been recalculated to incorporate the results of the 1981 population census.

Table 128. Employment by economic sector, selected countries, 1960-83

Item and year	United States	Canada	Australia	Japan	France	Germany F.R. [1]	Great Britain [2]	Italy	Netherlands [3]	Sweden
EMPLOYMENT (in thousands)										
Total civilian employment										
1960	65,778	5,965	(4)	43,370	18,595	25,954	23,660	20,064	4,092	3,513
1965	71,088	6,862	4,614	46,200	19,540	26,418	24,782	19,210	4,414	3,673
1970	78,678	7,919	5,388	50,140	20,343	26,169	24,381	19,083	4,601	3,836
1971	79,367	8,104	5,518	50,470	20,438	26,317	24,031	19,016	4,622	3,842
1972	82,153	8,344	5,602	50,580	20,552	26,214	24,020	18,730	4,597	3,845
1973 [5]	85,064	8,761	5,765	51,900	20,814	26,411	24,611	18,914	4,594	3,861
1974	86,794	9,125	5,891	51,710	20,959	26,038	24,714	19,346	4,596	3,944
1975	85,846	9,284	5,867	51,530	20,714	25,285	24,647	19,476	4,564	4,044
1976	88,752	9,477	5,946	52,020	20,856	25,059	24,452	19,605	4,563	4,070
1977	92,017	9,651	6,000	52,720	21,036	25,014	24,499	19,794	4,573	4,081
1978	96,048	9,987	5,997	53,360	21,113	25,169	24,625	19,867	4,609	4,097
1979	98,824	10,395	6,075	54,040	21,118	25,507	24,775	20,097	4,667	4,162
1980	99,303	10,708	6,250	54,600	21,127	25,771	24,364	20,378	4,689	4,214
1981	100,397	11,006	6,380	55,060	20,959	25,566	23,048	20,456	4,628	4,207
1982	99,526	10,644	6,385	55,620	20,946	25,100	22,376	20,397	(4)	4,201
1983	100,834	10,734	6,292	56,550	(4)	24,469	(4)	(4)	(4)	4,206
Agriculture [6]										
1960	5,572	795	(4)	12,800	4,305	3,623	980	6,514	465	544
1965	4,477	694	448	10,500	3,576	2,876	954	5,031	388	421
1970	3,567	604	432	8,490	2,821	2,262	782	3,839	329	314
1971	3,510	607	424	7,840	2,668	2,134	736	3,817	319	300
1972	3,598	575	440	7,310	2,514	2,018	710	3,550	315	287
1973 [5]	3,572	573	422	6,810	2,364	1,924	713	3,438	309	276
1974	3,613	579	408	6,540	2,221	1,842	681	3,373	304	264
1975	3,505	564	405	6,380	2,104	1,773	669	3,244	299	261
1976	3,453	561	390	6,210	2,037	1,682	670	3,217	295	254
1977	3,426	553	398	6,110	1,977	1,589	669	3,119	289	248
1978	3,550	574	379	6,100	1,927	1,536	666	3,053	285	250
1979	3,508	590	398	5,860	1,887	1,479	654	2,985	280	242
1980	3,529	583	408	5,510	1,841	1,436	657	2,896	279	237
1981	3,519	598	416	5,330	1,794	1,405	647	2,731	274	237
1982	3,570	558	412	5,250	1,758	1,381	641	2,525	(4)	236
1983	3,541	587	416	5,060	(4)	1,371	(4)	(4)	(4)	230
Industry [7]										
1960	21,995	1,906	(4)	12,380	6,976	11,912	11,184	6,855	1,617	1,420
1965	24,311	2,233	1,653	15,010	7,637	12,501	11,117	7,174	1,769	1,553
1970	26,080	2,360	1,886	17,880	7,917	12,465	10,531	7,586	1,750	1,456
1971	25,182	2,383	1,916	18,140	7,948	12,530	10,171	7,613	1,730	1,424
1972	25,828	2,439	1,898	18,290	7,978	12,315	9,962	7,472	1,657	1,396
1973 [5]	27,258	2,586	1,945	19,210	8,097	12,348	10,142	7,466	1,635	1,401
1974	27,213	2,688	1,963	19,020	8,123	11,941	10,112	7,634	1,606	1,434
1975	25,302	2,613	1,870	18,370	7,853	11,243	9,672	7,663	1,549	1,449
1976	26,310	2,701	1,866	18,520	7,775	11,042	9,394	7,561	1,507	1,416
1977	27,343	2,675	1,845	18,510	7,739	10,944	9,377	7,662	1,479	1,375
1978	28,810	2,750	1,767	18,550	7,611	10,958	9,372	7,626	1,466	1,328
1979	29,797	2,884	1,779	18,740	7,489	11,086	9,344	7,641	1,470	1,326
1980	29,136	2,931	1,809	19,180	7,412	11,146	8,948	7,767	1,449	1,327
1981	28,395	2,983	1,826	19,300	7,203	10,888	[8] 8,028	7,722	1,377	1,286
1982	27,070	2,702	1,772	19,210	[8] 7,054	[8] 10,486	[8] 7,567	7,594	(4)	1,237
1983	27,016	2,622	1,654	19,470	(4)	[8] 10,117	(4)	(4)	(4)	1,223
Manufacturing										
1960	17,149	1,471	(4)	9,430	5,250	8,907	8,874	4,813	1,193	1,120
1965	19,190	1,636	1,207	11,450	5,532	9,483	8,666	4,894	1,270	1,206
1970	20,746	1,768	1,340	13,750	5,661	9,779	8,465	5,293	1,241	1,064

See footnotes at end of table.

Table 128. Employment by economic sector, selected countries, 1960-83—Continued

Item and year	United States	Canada	Australia	Japan	France	Germany F.R. [1]	Great Britain [2]	Italy	Netherlands [3]	Sweden
EMPLOYMENT (in thousands) **—Continued**										
Manufacturing —Continued										
1971	19,606	1,766	1,358	13,820	5,726	9,835	8,181	5,329	1,231	1,054
1972	19,943	1,823	1,344	13,810	5,778	9,652	7,908	5,223	1,181	1,046
1973 [5]	21,054	1,927	1,374	14,420	5,892	9,697	7,954	5,270	1,162	1,066
1974	21,025	1,978	1,380	14,250	5,942	9,479	7,995	5,438	1,159	1,120
1975	19,457	1,871	1,275	13,430	5,780	9,010	7,616	5,447	1,118	1,138
1976	20,261	1,921	1,289	13,440	5,721	8,807	7,373	5,435	1,072	1,100
1977	20,889	1,888	1,281	13,350	5,697	8,770	7,420	5,473	1,043	1,060
1978	21,784	1,956	1,199	13,220	5,612	8,751	7,382	5,420	1,018	1,023
1979	22,459	2,071	1,215	13,290	5,515	8,810	7,297	5,409	1,008	1,026
1980	21,942	2,111	1,242	13,630	5,445	8,849	6,929	5,485	997	1,025
1981	21,817	2,122	1,251	13,800	5,269	8,601	[8] 6,160	5,384	966	984
1982	20,286	1,930	1,213	13,740	(4)	(4)	[8] 5,819	5,277	(4)	946
1983	19,946	1,886	1,147	14,010	(4)	(4)	(4)	(4)	(4)	941
Services [9]										
1960	38,212	3,264	(4)	18,190	7,314	10,419	11,496	6,696	2,010	1,550
1965	42,301	3,934	2,514	20,690	8,327	11,041	12,711	7,005	2,255	1,699
1970	49,031	4,955	3,070	23,770	9,605	11,442	13,071	7,656	2,522	2,066
1971	50,675	5,114	3,178	24,510	9,822	11,653	13,124	7,584	2,573	2,118
1972	52,727	5,330	3,265	24,980	10,060	11,881	13,348	7,709	2,625	2,162
1973 [5]	54,234	5,602	3,399	25,880	10,353	12,139	13,755	8,009	2,650	2,185
1974	55,968	5,858	3,520	26,140	10,615	12,255	13,921	8,339	2,686	2,246
1975	57,039	6,108	3,592	26,770	10,757	12,269	14,306	8,568	2,716	2,334
1976	58,989	6,215	3,690	27,290	11,044	12,335	14,388	8,828	2,761	2,400
1977	61,248	6,424	3,757	28,100	11,320	12,481	14,453	9,012	2,803	2,458
1978	63,688	6,661	3,851	28,720	11,575	12,675	14,587	9,187	2,858	2,519
1979	65,519	6,920	3,898	29,440	11,742	12,942	14,778	9,471	2,917	2,594
1980	66,638	7,194	4,032	29,910	11,874	13,189	14,760	9,715	2,961	2,650
1981	67,883	7,425	4,137	30,430	11,962	13,273	[8] 14,373	10,003	2,977	2,684
1982	68,886	7,385	4,201	31,160	[8] 12,134	[8] 13,233	[8] 14,168	10,277	(4)	2,728
1983	70,277	7,525	4,222	32,020	(4)	[8] 13,161	(4)	(4)	(4)	2,753
DISTRIBUTION (percent)										
Agriculture [6]										
1960	8.5	13.3	(4)	29.5	23.2	14.0	4.1	32.5	11.4	15.5
1965	6.3	10.1	9.7	22.7	18.3	10.9	3.8	26.2	8.8	11.5
1970	4.5	7.6	8.0	16.9	13.9	8.6	3.2	20.1	7.2	8.2
1971	4.4	7.5	7.7	15.5	13.1	8.1	3.1	20.1	6.9	7.8
1972	4.4	6.9	7.8	14.4	12.2	7.7	3.0	19.0	6.8	7.5
1973 [5]	4.2	6.5	7.3	13.1	11.4	7.3	2.9	18.2	6.7	7.1
1974	4.2	6.4	6.9	12.6	10.6	7.1	2.8	17.4	6.6	6.7
1975	4.1	6.1	6.9	12.4	10.2	7.0	2.7	16.7	6.6	6.5
1976	3.9	5.9	6.6	11.9	9.8	6.7	2.7	16.4	6.5	6.2
1977	3.7	5.7	6.6	11.6	9.4	6.4	2.7	15.8	6.3	6.1
1978	3.7	5.7	6.3	11.4	9.1	6.1	2.7	15.4	6.2	6.1
1979	3.6	5.7	6.6	10.8	8.9	5.8	2.6	14.9	6.0	5.8
1980	3.6	5.4	6.5	10.1	8.7	5.6	2.7	14.2	6.0	5.6
1981	3.5	5.4	6.5	9.7	8.6	5.5	[8] 2.8	13.4	5.9	5.6
1982	3.6	5.2	6.4	9.4	8.4	5.5	[8] 2.9	12.4	(4)	5.6
1983	3.5	5.5	6.6	8.9	(4)	5.6	(4)	(4)	(4)	5.5
Industry [7]										
1960	33.4	32.0	(4)	28.5	37.5	45.9	47.3	34.2	39.5	40.4
1965	34.2	32.5	35.8	32.5	39.1	47.3	44.9	37.4	40.1	42.3
1970	33.1	29.8	35.0	35.7	38.9	47.6	43.2	39.8	38.0	38.0
1971	31.7	29.4	34.7	35.9	38.9	47.6	42.3	40.0	37.4	37.1
1972	31.4	29.2	33.9	36.2	38.8	47.0	41.5	39.9	36.0	36.3
1973 [5]	32.0	29.5	33.7	37.0	38.9	46.8	41.2	39.5	35.6	36.3
1974	31.4	29.5	33.3	36.8	38.8	45.9	40.9	39.5	34.9	36.4

See footnotes at end of table.

Table 128. Employment by economic sector, selected countries, 1960-83—Continued

Item and year	United States	Canada	Australia	Japan	France	Germany F.R. [1]	Great Britain [2]	Italy	Netherlands [3]	Sweden
DISTRIBUTION (percent) **—Continued**										
Industry [7] —Continued										
1975	29.5	28.1	31.9	35.6	37.9	44.4	39.2	39.4	33.9	35.8
1976	29.6	28.5	31.4	35.6	37.3	44.1	38.4	38.6	33.0	34.8
1977	29.7	27.7	30.8	35.1	36.8	43.8	38.3	38.7	32.3	33.7
1978	30.0	27.5	29.5	34.8	36.0	43.5	38.1	38.4	31.8	32.4
1979	30.2	27.7	29.3	34.7	35.5	43.5	37.7	38.0	31.5	31.9
1980	29.3	27.4	28.9	35.1	35.1	43.2	36.7	38.1	30.9	31.5
1981	28.9	27.1	28.6	35.0	34.4	42.6	[8] 34.8	37.8	29.8	30.6
1982	27.2	25.4	27.8	34.5	[8] 33.7	[8] 41.8	[8] 33.8	37.2	(4)	29.4
1983	26.8	24.4	26.3	34.4	(4)	[8] 41.0	(4)	(4)	(4)	29.1
Manufacturing										
1960	26.1	24.7	(4)	21.7	28.2	34.3	37.5	24.0	29.2	31.9
1965	27.0	23.8	26.2	24.8	28.3	35.9	35.0	25.5	28.8	32.8
1970	26.4	22.3	24.9	27.4	27.8	37.4	34.7	27.7	27.0	27.7
1971	24.7	21.8	24.6	27.4	28.0	37.4	34.0	28.0	26.6	27.4
1972	24.3	21.8	24.0	27.3	28.1	36.8	32.9	27.9	25.7	27.2
1973 [5]	24.8	22.0	23.8	27.8	28.3	36.7	32.3	27.9	25.3	27.6
1974	24.2	21.7	23.4	27.6	28.4	36.4	32.4	28.1	25.2	28.4
1975	22.7	20.2	21.7	26.1	27.9	35.6	30.9	28.0	24.5	28.1
1976	22.8	20.3	21.7	25.8	27.4	35.2	30.2	27.7	23.5	27.0
1977	22.7	19.6	21.4	25.3	27.1	35.1	30.3	27.6	22.8	26.0
1978	22.7	19.6	20.0	24.8	26.6	34.8	30.0	27.3	22.1	25.0
1979	22.7	19.9	20.0	24.6	26.1	34.5	29.4	26.9	21.6	24.6
1980	22.1	19.7	19.9	25.0	25.8	34.3	28.4	26.9	21.3	24.3
1981	21.7	19.3	19.6	25.1	25.1	33.6	[8] 26.7	26.3	20.9	23.4
1982	20.4	18.1	19.0	24.7	(4)	(4)	[8] 26.0	25.9	(4)	22.5
1983	19.8	17.6	18.2	24.8	(4)	(4)	(4)	(4)	(4)	22.4
Services [9]										
1960	58.[illegible]	54.7	(4)	41.9	39.3	40.1	48.6	33.4	49.1	44.1
1965	59.[illegible]	57.3	54.5	44.8	42.6	41.8	51.3	36.5	51.1	46.3
1970	62.3	62.6	57.0	47.4	47.2	43.7	53.6	40.1	54.8	53.9
1971	63.8	63.1	57.6	48.6	48.1	44.3	54.6	39.9	55.7	55.1
1972	64.2	63.9	58.3	49.4	48.9	45.3	55.6	41.2	57.1	56.2
1973 [5]	63.8	63.9	59.0	49.9	49.7	46.0	55.9	42.3	57.7	56.6
1974	64.5	64.2	59.8	50.6	50.6	47.1	56.3	43.1	58.4	56.9
1975	66.4	65.8	61.2	52.0	51.9	48.5	58.0	44.0	59.5	57.7
1976	66.5	65.6	62.0	52.5	53.0	49.2	58.8	45.0	60.5	59.0
1977	66.6	66.6	62.6	53.3	53.8	49.9	59.0	45.5	61.3	60.2
1978	66.3	66.7	64.2	53.8	54.8	50.4	59.2	46.2	62.0	61.5
1979	66.3	66.6	64.2	54.5	55.6	50.7	59.6	47.1	62.5	62.3
1980	67.1	67.2	64.5	54.8	56.2	51.2	60.6	47.7	63.1	62.9
1981	67.6	67.5	64.8	55.3	57.1	51.9	[8] 62.4	48.9	64.3	63.8
1982	69.2	69.4	65.8	56.0	57.9	[8] 52.7	[8] 63.3	50.4	(4)	64.9
1983	69.7	70.1	67.1	56.6	(4)	[8] 53.4	(4)	(4)	(4)	65.4

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[1] Including West Berlin.
[2] Including Northern Ireland.
[3] Measured in man-years.
[4] Not available.
[5] From 1973 onward, Japan includes Okinawa.
[6] Agriculture, forestry, hunting, and fishing.
[7] Manufacturing, mining, and construction.
[8] Preliminary.
[9] Transportation, communication, public utilities, trade, finance, public administration, private household services, and miscellaneous services.

NOTE: Data have not been fully adjusted for comparability with U.S. definitions. Also, some employment could not be distributed by economic sector. Because of rounding, subtotals may not add to totals. Australian data for 1978-83 have not been recalculated to incorporate the results of the 1981 population census.

Table 129. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing, [1] selected countries, 1950–83

[1977 = 100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R. [2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Output per hour												
1950	49.4	34.6	9.0	(3)	27.5	22.5	19.5	20.9	20.0	39.1	30.2	44.0
1951	51.1	36.0	11.2	(3)	27.8	23.6	20.8	23.3	20.7	41.0	31.1	44.1
1952	52.0	36.9	11.8	(3)	27.6	24.4	22.8	24.3	21.2	40.1	31.0	42.3
1953	52.9	38.2	13.4	(3)	28.0	25.6	24.5	25.5	22.9	41.7	32.7	44.4
1954	53.7	39.9	14.3	(3)	29.2	26.4	25.7	26.8	23.7	43.5	32.7	45.9
1955	56.4	42.5	15.1	(3)	29.9	28.0	27.8	29.2	25.0	43.4	33.1	47.4
1956	56.0	44.2	16.0	(3)	30.8	30.0	29.1	30.8	26.5	46.2	35.1	47.4
1957	57.1	44.5	17.5	(3)	31.9	30.5	31.8	31.4	27.5	47.6	37.0	48.6
1958	56.9	46.1	16.4	(3)	33.0	31.6	33.8	31.9	28.1	48.4	38.6	49.6
1959	59.6	48.6	19.1	(3)	35.3	33.8	37.7	34.4	30.1	51.2	41.0	51.6
1960	60.0	50.3	22.0	32.2	36.4	36.3	40.0	36.5	31.7	54.6	42.3	53.9
1961	61.6	53.0	24.9	32.6	38.4	38.4	42.2	39.5	33.4	56.3	44.3	54.0
1962	64.3	55.8	26.0	34.3	40.4	40.7	44.8	43.7	34.5	56.3	47.6	55.3
1963	68.9	57.9	28.1	35.7	41.8	42.7	46.8	44.9	35.6	58.0	50.4	58.2
1964	72.3	60.4	31.8	37.9	45.1	45.9	50.7	47.6	38.8	61.3	54.5	62.0
1965	74.5	62.7	33.1	39.8	47.4	49.0	54.2	52.9	41.3	64.4	58.5	64.0
1966	75.3	64.9	36.5	42.5	49.8	52.9	56.4	56.4	44.0	66.6	60.9	66.1
1967	75.3	66.9	41.9	45.0	54.2	56.1	59.7	59.7	47.0	69.5	65.9	69.3
1968	78.0	71.5	47.1	48.9	59.0	62.0	64.0	64.5	52.7	73.2	72.0	74.3
1969	79.3	75.7	54.5	53.4	61.4	65.6	68.3	69.4	57.6	79.9	77.4	76.1
1970	79.1	76.8	61.4	58.9	65.3	69.3	70.1	72.7	63.0	81.7	80.7	77.8
1971	83.9	82.3	65.3	62.3	69.3	73.1	73.0	74.9	67.3	84.8	84.1	81.5
1972	88.2	85.9	72.7	69.5	75.1	77.5	77.8	81.1	72.7	89.3	88.3	87.5
1973	93.0	91.3	80.2	77.3	82.8	82.0	82.5	90.9	80.1	94.7	94.8	93.5
1974	90.8	93.4	82.1	82.1	85.5	85.0	86.9	95.3	86.7	97.7	98.8	95.5
1975	93.4	91.0	85.3	85.4	94.4	88.4	90.0	91.1	85.1	96.8	100.2	94.7
1976	97.5	96.2	93.3	94.9	98.0	94.9	96.1	98.9	96.1	99.7	101.7	99.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.8	101.4	107.9	106.6	102.4	105.9	102.5	103.0	106.6	101.8	102.8	101.3
1979	101.5	104.2	117.4	114.2	108.3	110.6	107.4	110.5	111.9	107.2	110.9	102.4
1980	101.7	102.0	128.6	116.9	109.8	112.3	108.8	116.9	114.2	109.3	112.7	101.3
1981	105.3	104.6	135.7	123.5	123.0	115.3	111.4	121.0	117.5	110.4	113.2	107.9
1982	106.5	102.0	146.8	130.0	121.4	121.7	113.3	124.1	121.4	109.7	114.6	111.2
1983 [4]	113.1	109.0	155.2	(3)	125.6	129.1	118.5	124.8	(3)	116.3	123.9	118.0
Output												
1950	38.6	27.4	3.7	(3)	31.7	20.3	17.4	16.4	23.3	37.3	35.4	52.3
1951	43.0	29.8	5.2	(3)	32.0	22.2	19.9	18.8	24.3	40.2	37.7	53.8
1952	44.5	30.9	5.6	(3)	30.4	22.6	22.6	19.5	24.3	39.2	36.7	51.1
1953	47.5	33.1	6.9	(3)	31.5	23.2	25.2	21.1	26.9	41.4	37.5	54.8
1954	44.1	32.4	7.6	(3)	34.2	24.3	28.2	23.3	29.4	44.0	39.2	57.7
1955	48.9	35.5	8.2	(3)	34.8	25.7	33.0	25.4	31.9	45.6	40.9	61.4
1956	49.2	38.8	10.1	(3)	35.2	28.2	35.6	27.4	34.5	48.2	43.1	61.2
1957	49.5	38.8	12.0	(3)	37.4	29.8	38.1	29.2	36.0	48.9	45.3	62.7
1958	45.2	38.1	11.8	(3)	39.0	30.8	40.0	29.8	36.0	48.4	46.3	62.2
1959	50.5	40.8	14.3	(3)	43.6	32.1	43.6	33.1	39.5	50.7	48.9	65.7
1960	50.7	41.5	17.9	40.9	48.2	35.4	49.2	37.4	44.1	55.1	52.6	71.0
1961	50.7	43.2	21.5	42.7	50.8	38.1	52.6	41.2	45.6	57.4	56.2	71.1
1962	55.1	47.2	23.3	46.1	55.2	40.8	55.0	45.6	47.9	57.9	60.5	71.3
1963	59.6	50.4	26.0	48.3	55.9	44.0	56.4	48.6	49.9	61.3	63.5	73.8
1964	63.9	55.2	30.2	52.6	62.5	48.0	61.5	49.2	54.7	65.7	69.1	80.6
1965	69.8	60.2	31.4	54.3	66.6	50.4	66.4	51.7	58.4	69.2	73.9	82.9
1966	75.1	64.7	35.6	57.5	68.0	55.0	67.4	56.5	61.6	73.3	76.1	84.3
1967	75.0	66.7	42.7	58.2	69.8	57.7	66.0	62.1	64.0	75.7	78.5	84.9
1968	79.1	70.8	49.3	62.3	74.9	60.9	73.1	67.9	70.1	77.5	82.5	90.9
1969	81.7	76.1	57.3	69.6	79.0	68.2	81.9	72.3	76.9	83.1	89.0	94.3

See footnotes at end of table.

Table 129. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing,[1] selected countries, 1950-83—Continued

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R.[2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Output —Continued												
1970	77.0	75.1	65.3	76.7	81.7	73.3	86.0	78.0	82.7	87.0	92.5	94.7
1971	78.7	79.4	69.4	79.9	82.9	78.0	86.9	78.4	86.0	90.3	93.1	93.6
1972	86.2	85.6	76.7	86.1	90.1	83.0	89.7	81.7	88.4	94.5	93.7	95.9
1973	95.9	94.6	87.4	94.6	95.4	88.6	95.2	90.5	94.2	99.5	100.3	104.7
1974	91.9	98.0	85.7	98.9	96.8	91.8	95.0	96.3	98.4	104.0	105.7	103.5
1975	85.4	92.3	82.2	91.5	94.8	90.0	90.4	86.9	91.7	101.0	106.1	96.2
1976	93.6	98.1	93.2	99.3	99.4	96.1	97.6	97.9	99.1	101.4	106.1	98.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.3	104.9	107.3	101.9	100.7	103.4	101.3	101.8	102.8	98.2	97.3	100.6
1979	108.2	110.9	118.0	105.8	107.2	106.1	106.1	108.6	105.5	100.3	103.6	100.7
1980	103.5	107.8	130.7	104.8	107.2	106.5	106.6	115.4	107.3	101.3	104.0	91.5
1981	106.5	109.5	139.0	102.4	109.5	104.8	104.6	114.3	106.4	100.7	100.6	85.7
1982	99.1	96.2	150.0	102.8	109.5	105.4	101.8	112.6	105.5	98.2	98.4	85.1
1983[4]	106.8	102.3	159.2	(3)	115.1	106.3	102.8	108.4	(3)	97.2	104.2	86.3
Total hours												
1950	78.2	79.3	40.8	(3)	115.1	90.5	89.0	78.6	116.8	95.3	117.1	118.7
1951	84.2	82.8	46.1	(3)	114.8	94.1	95.8	80.5	117.7	98.1	121.3	122.0
1952	85.4	83.7	47.3	(3)	110.3	92.5	99.4	80.5	114.9	97.9	118.5	120.8
1953	89.8	86.7	51.5	(3)	112.6	90.8	103.1	82.9	117.5	99.2	114.8	123.3
1954	82.1	81.3	52.7	(3)	117.1	92.0	109.8	87.0	123.9	101.3	120.0	125.8
1955	86.6	83.6	54.4	(3)	116.2	92.0	118.4	87.1	128.0	105.1	123.7	129.4
1956	87.9	87.8	62.9	(3)	114.5	93.8	122.5	88.9	130.3	104.2	122.7	129.1
1957	86.5	87.0	68.4	(3)	117.2	97.6	119.6	93.1	131.0	102.9	122.7	128.9
1958	79.4	82.6	71.9	(3)	118.0	97.5	118.4	93.4	128.1	99.9	119.8	125.4
1959	84.7	84.1	74.8	(3)	123.8	95.0	115.6	96.3	131.2	99.1	119.3	127.5
1960	84.4	82.6	81.5	127.1	132.4	97.6	123.1	102.3	139.1	101.0	124.4	131.7
1961	82.3	81.5	86.4	131.0	132.1	99.1	124.8	104.3	136.6	102.0	126.8	131.6
1962	85.6	84.6	89.8	134.3	136.5	100.3	122.8	104.3	139.0	102.9	127.1	129.0
1963	86.5	87.0	92.7	135.4	133.9	103.0	120.3	108.1	140.0	105.7	126.0	126.9
1964	88.4	91.3	95.0	138.9	138.3	104.7	121.3	103.4	140.8	107.1	126.7	129.8
1965	93.6	96.0	94.7	136.4	140.5	102.8	122.6	97.8	141.7	107.4	126.4	129.5
1966	99.8	99.8	97.5	135.2	136.6	104.1	119.6	100.2	140.1	110.1	124.9	127.5
1967	99.6	99.6	101.9	129.3	128.7	102.8	110.6	104.0	136.2	108.8	119.0	122.5
1968	101.4	99.0	104.5	127.3	127.0	98.3	114.2	105.3	133.0	105.9	114.7	122.3
1969	103.1	100.5	105.3	130.3	128.7	104.0	119.8	104.2	133.4	104.0	115.0	124.0
1970	97.3	97.7	106.4	130.2	125.1	105.7	122.6	107.4	131.1	106.4	114.6	121.8
1971	93.7	96.6	106.3	128.3	119.6	106.7	119.1	104.6	127.8	106.5	110.7	114.8
1972	97.8	99.6	105.5	123.8	120.1	107.1	115.4	100.7	121.7	105.9	106.0	109.6
1973	103.2	103.6	109.0	122.3	115.2	108.0	115.4	99.6	117.7	105.1	105.7	112.0
1974	101.2	105.0	104.3	120.4	113.2	108.0	109.3	101.0	113.4	106.5	107.0	108.3
1975	91.4	101.4	96.4	107.1	100.4	101.9	100.4	95.4	107.8	104.3	105.9	101.6
1976	95.9	102.0	99.9	104.6	101.4	101.3	101.6	99.0	103.1	101.7	104.3	98.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.5	103.4	99.5	95.6	98.3	97.6	98.8	98.8	96.4	96.5	94.6	99.3
1979	106.6	106.4	100.5	92.7	99.0	95.9	98.9	98.2	94.3	93.6	93.4	98.3
1980	101.8	105.7	101.6	89.7	97.6	94.8	98.0	98.7	94.0	92.6	92.3	90.4
1981	101.2	104.6	102.4	82.8	89.0	90.9	93.9	94.5	90.5	91.3	88.9	79.4
1982	93.0	94.3	102.2	79.1	90.2	86.6	89.9	90.7	86.9	89.5	85.9	76.5
1983[4]	94.4	93.9	102.6	(3)	91.6	82.4	86.7	86.8	(3)	83.6	84.1	73.2
Employment												
1950	78.0	73.1	37.8	(3)	85.6	80.7	68.1	63.3	94.0	75.7	88.3	103.2
1951	83.7	77.6	41.9	(3)	86.5	83.3	73.9	63.8	95.2	77.8	90.5	105.7
1952	84.9	79.4	42.6	(3)	83.2	83.1	76.5	64.0	92.8	78.0	89.1	105.4
1953	89.5	81.8	45.9	(3)	85.4	81.6	79.3	65.3	94.6	78.5	87.3	106.8
1954	83.3	78.2	47.1	(3)	88.6	81.9	83.8	67.7	99.7	80.5	91.0	108.2

See footnotes at end of table.

Table 129. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing,[1] selected countries, 1950-83—Continued

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R.[2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Employment —Continued												
1955	86.1	80.1	48.1	(3)	88.0	82.5	90.5	68.3	102.5	83.3	93.9	110.9
1956	87.8	83.4	53.9	(3)	87.4	83.8	95.8	70.6	104.9	82.8	94.6	111.6
1957	87.5	83.8	59.0	(3)	89.8	86.5	98.7	73.5	105.8	83.3	94.6	111.6
1958	81.3	79.5	62.5	(3)	90.9	87.6	99.6	74.4	103.5	80.5	93.7	109.8
1959	85.0	80.4	64.0	(3)	97.7	85.9	100.3	75.9	105.5	81.8	94.7	110.7
1960	85.6	79.6	69.0	103.2	105.6	87.0	104.4	79.4	110.4	83.3	99.8	115.5
1961	83.2	79.0	74.4	106.6	108.6	88.0	108.1	81.9	113.1	85.4	102.6	117.1
1962	85.8	81.1	79.3	109.0	111.3	89.2	109.0	84.4	116.0	86.4	103.6	116.0
1963	86.4	83.1	82.5	110.0	110.9	91.5	108.4	87.2	117.2	89.0	103.9	114.2
1964	87.7	86.9	85.2	113.2	113.6	93.6	108.8	87.4	119.0	90.2	105.4	115.9
1965	91.8	91.4	86.5	113.1	115.6	92.8	111.1	85.3	120.1	91.9	106.1	117.4
1966	97.4	95.7	88.6	112.9	114.5	93.5	110.0	84.8	119.7	93.7	104.9	117.8
1967	98.6	96.1	92.4	109.4	109.1	93.3	103.9	87.6	116.7	93.4	101.6	114.1
1968	100.3	95.4	95.1	107.6	110.1	92.0	104.9	88.8	116.4	93.4	100.0	113.0
1969	102.2	97.3	97.3	111.3	113.1	94.8	109.9	91.8	118.3	93.9	102.0	114.6
1970	98.2	95.0	99.5	114.3	113.5	97.6	112.9	94.8	118.6	96.5	103.8	114.4
1971	94.4	94.5	101.1	114.4	108.9	99.2	112.2	96.2	116.9	97.6	100.5	110.5
1972	97.1	97.5	100.9	112.9	111.7	100.6	109.9	95.5	112.9	98.2	99.0	106.7
1973	102.2	101.9	104.9	114.3	113.2	103.0	110.5	97.6	111.2	98.2	100.5	107.4
1974	101.8	103.9	105.2	115.5	109.1	104.4	107.7	100.0	110.7	100.6	102.9	108.0
1975	93.0	101.6	99.8	108.6	100.0	101.5	102.0	99.7	107.1	99.7	103.9	102.7
1976	96.5	102.0	100.2	104.2	100.5	100.5	100.0	99.9	102.8	99.5	103.6	99.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.2	103.2	98.9	95.7	99.5	98.4	100.2	99.0	97.5	98.5	97.2	99.5
1979	107.0	106.9	98.8	93.1	100.3	96.7	100.7	99.4	96.5	96.9	97.5	98.6
1980	103.3	106.6	100.0	91.2	98.2	95.3	101.2	99.7	95.3	96.2	97.4	93.8
1981	102.7	106.8	101.4	86.3	90.7	91.9	98.7	97.8	92.4	94.9	94.4	83.5
1982	96.1	96.9	101.4	82.3	90.5	90.3	95.0	95.6	88.3	91.8	90.6	79.0
1983[4]	95.3	95.5	101.3	(3)	89.8	88.2	91.0	92.6	(3)	85.1	87.8	75.0
Average weekly hours												
1950	100.3	108.5	107.9	(3)	134.5	112.2	130.7	124.3	124.3	125.8	132.7	115.1
1951	100.6	106.8	110.1	(3)	132.7	113.0	129.7	126.1	123.6	126.1	134.0	115.4
1952	100.6	105.3	110.0	(3)	132.5	111.3	129.9	125.6	123.8	125.5	133.0	114.6
1953	100.3	105.9	112.3	(3)	131.9	111.3	129.9	126.8	124.3	126.4	131.4	115.5
1954	98.6	104.0	111.9	(3)	132.2	112.4	130.9	128.4	124.3	125.8	132.0	116.3
1955	100.6	104.5	113.1	(3)	132.1	111.5	130.8	127.4	124.8	126.1	131.7	116.7
1956	100.1	105.2	116.7	(3)	131.0	111.9	127.9	126.0	124.3	125.8	129.7	115.6
1957	98.9	103.9	115.9	(3)	130.6	112.8	121.2	126.7	123.8	123.5	129.7	115.5
1958	97.7	103.9	115.0	(3)	129.9	111.4	118.9	125.5	123.8	124.1	127.8	114.2
1959	99.7	104.6	116.9	(3)	126.7	110.7	115.3	127.0	124.3	121.1	125.9	115.1
1960	98.6	103.8	118.2	123.2	125.4	112.2	117.8	128.8	126.0	121.2	124.7	114.1
1961	98.9	103.3	116.1	122.9	121.7	112.7	115.5	127.4	120.7	119.4	123.6	112.4
1962	99.8	104.3	113.3	123.2	122.6	112.4	112.7	123.5	119.8	119.0	122.7	111.2
1963	100.1	104.7	112.3	123.0	120.7	112.6	111.0	124.1	119.5	118.8	121.3	111.1
1964	100.8	105.1	111.6	122.7	121.7	111.9	111.4	118.3	118.3	118.8	120.1	112.0
1965	102.0	105.1	109.5	120.6	121.6	110.8	110.4	114.6	118.0	116.8	119.1	110.3
1966	102.4	104.3	110.1	119.7	119.3	111.3	108.7	118.1	117.0	117.5	119.1	108.2
1967	100.9	103.6	110.3	118.2	118.0	110.2	106.4	118.7	116.7	116.5	117.2	107.3
1968	101.2	103.8	109.9	118.3	115.3	106.8	108.9	118.7	114.2	113.3	114.7	108.2
1969	100.8	103.3	108.3	117.0	113.8	109.7	109.0	113.5	112.7	110.8	112.7	108.2
1970	99.0	102.9	106.9	113.9	110.2	108.3	108.6	113.2	110.5	110.3	110.3	106.5
1971	99.3	102.2	105.1	112.2	109.9	107.5	106.1	108.8	109.3	109.1	110.1	103.9
1972	100.8	102.2	104.6	109.7	107.5	106.5	105.0	105.5	107.7	107.8	107.2	102.7
1973	101.0	101.7	103.8	107.0	101.7	104.8	104.5	102.1	105.9	107.0	105.2	104.3
1974	99.5	101.0	99.2	104.2	103.7	103.5	101.5	100.9	102.5	105.8	104.0	100.3

See footnotes at end of table.

Table 129. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing, [1] selected countries, 1950-83—Continued

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R. [2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Average weekly hours —Continued												
1975	98.3	99.9	96.6	98.7	100.4	100.4	98.4	95.7	100.6	104.6	101.9	99.0
1976	99.4	100.0	99.7	100.5	100.9	100.8	101.6	99.1	100.3	102.2	100.6	99.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.2	100.3	100.6	99.8	98.8	99.3	98.6	99.8	98.9	98.0	97.3	99.8
1979	99.6	99.5	101.7	99.5	98.7	99.2	98.2	98.8	97.7	96.7	95.8	99.7
1980	98.5	99.1	101.6	98.3	99.4	99.5	96.8	99.0	98.5	96.2	94.8	96.4
1981	98.5	98.0	101.0	96.0	98.1	98.9	95.2	96.6	98.0	96.2	94.2	95.1
1982	96.8	97.3	100.8	96.1	99.7	95.9	94.6	94.9	98.3	97.5	94.7	96.8
1983 [4]	99.0	98.3	101.3	(3)	102.0	93.3	95.3	93.8	(3)	98.2	95.8	97.5
Hourly compensation in national currency [5]												
1950	21.5	14.8	3.7	(3)	6.8	5.7	7.7	4.4	5.9	7.4	6.7	7.9
1951	23.6	16.7	4.7	(3)	7.5	7.3	9.1	4.9	6.6	8.5	7.8	8.6
1952	25.2	18.3	5.4	(3)	8.2	8.5	9.5	5.2	7.0	9.5	9.2	9.4
1953	26.5	19.2	5.7	(3)	8.4	8.8	10.1	5.6	7.2	10.1	9.7	9.9
1954	27.7	20.3	6.2	(3)	8.8	9.3	10.6	5.9	7.9	10.7	9.9	10.5
1955	28.8	21.0	6.5	(3)	9.3	10.0	11.6	6.3	8.6	11.2	10.6	11.2
1956	30.6	22.1	6.8	(3)	10.0	10.9	12.7	6.8	9.6	12.3	11.4	12.2
1957	32.5	23.6	7.1	(3)	10.6	11.6	14.2	7.1	10.6	13.1	12.1	13.0
1958	33.9	24.8	7.3	(3)	11.1	13.1	15.4	7.5	11.1	13.8	13.1	13.8
1959	35.2	25.8	8.1	(3)	11.8	13.9	17.2	7.7	11.3	15.0	13.6	14.3
1960	36.7	27.1	8.9	14.2	12.6	15.1	18.9	8.3	12.2	15.8	14.7	15.0
1961	37.7	27.8	10.4	15.0	14.1	16.7	21.2	9.2	13.9	17.3	16.1	16.1
1962	39.1	28.6	11.8	16.1	15.5	18.4	24.0	10.9	14.8	19.0	18.0	16.9
1963	40.3	29.6	13.2	17.8	16.8	20.1	25.6	12.9	16.3	19.9	19.9	17.7
1964	42.0	30.8	14.9	19.9	18.2	21.8	27.6	14.4	18.9	21.3	21.7	18.9
1965	42.8	32.3	16.7	22.0	20.2	23.7	30.5	15.4	21.2	23.3	23.9	20.7
1966	44.8	34.8	18.5	24.4	22.9	25.1	33.2	16.1	23.8	25.3	26.2	22.4
1967	47.0	37.5	20.7	26.6	25.7	27.0	34.8	17.9	26.3	28.4	29.0	23.1
1968	50.4	40.2	24.1	28.3	28.3	30.5	37.0	19.1	29.4	31.1	31.5	24.7
1969	53.9	43.3	28.5	31.0	31.8	32.5	40.6	21.8	33.3	34.3	34.3	27.0
1970	57.6	46.5	33.9	34.9	36.3	36.5	47.6	26.1	38.5	37.9	38.5	31.2
1971	61.1	50.1	39.3	40.0	41.8	41.3	53.4	30.2	44.0	43.3	43.3	36.1
1972	64.4	53.7	45.4	46.3	46.2	45.4	59.2	34.6	50.5	48.2	48.3	40.6
1973	69.0	59.2	55.7	53.7	56.1	52.1	66.9	43.7	60.1	54.6	54.2	45.6
1974	76.3	68.5	73.0	65.5	67.9	61.9	76.8	54.5	71.7	63.7	63.8	57.7
1975	85.4	78.2	85.4	79.1	81.0	76.6	85.0	70.2	81.9	77.2	77.3	75.8
1976	92.3	89.9	91.1	89.5	90.4	88.8	91.3	84.1	92.1	88.9	91.5	89.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	108.3	106.7	105.9	107.8	110.2	113.7	107.7	114.5	108.7	110.0	111.3	114.2
1979	118.8	118.3	112.8	118.3	123.2	129.7	115.4	134.7	117.1	116.0	120.0	133.0
1980	132.7	130.6	121.2	130.7	136.6	148.1	125.5	160.2	123.2	128.0	133.3	161.6
1981	145.8	150.8	130.2	144.7	155.6	171.7	135.1	197.1	129.9	142.9	147.8	189.2
1982	158.2	169.2	136.8	152.0	170.6	201.6	142.6	235.4	138.5	157.1	158.4	206.6
1983 [4]	166.7	181.5	141.4	(3)	181.0	229.6	147.7	274.4	(3)	171.4	172.8	223.3
Hourly compensation in U.S. dollars [5,6]												
1950	21.5	14.3	2.7	(3)	5.9	8.0	4.3	6.3	3.8	5.5	5.8	12.6
1951	23.6	16.8	3.5	(3)	6.6	10.3	5.0	6.9	4.2	6.4	6.7	13.7
1952	25.2	19.9	4.0	(3)	7.1	12.0	5.3	7.4	4.5	7.1	7.9	15.0
1953	26.5	20.8	4.2	(3)	7.4	12.3	5.6	8.0	4.6	7.5	8.4	15.9
1954	27.7	22.2	4.6	(3)	7.7	13.1	5.9	8.3	5.1	8.0	8.6	16.8
1955	28.8	22.6	4.8	(3)	8.1	14.1	6.4	9.0	5.5	8.4	9.1	18.0
1956	30.6	23.9	5.0	(3)	8.7	15.2	7.0	9.7	6.1	9.2	9.8	19.6
1957	32.5	26.1	5.3	(3)	9.2	13.6	7.8	10.0	6.8	9.8	10.5	20.8

See footnotes at end of table.

Table 129. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing, [1] selected countries, 1950-83—Continued

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R. [2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Hourly compensation in U.S. dollars [5] [6] —Continued												
1958	33.9	27.2	5.4	(3)	9.6	13.3	8.5	10.5	7.2	10.3	11.3	22.3
1959	35.2	28.5	6.0	(3)	10.3	13.9	9.6	11.0	7.4	11.2	11.8	22.9
1960	36.7	29.7	6.6	10.2	10.9	15.1	10.5	11.9	7.9	11.8	12.7	24.2
1961	37.7	29.2	7.7	10.8	12.3	16.7	12.3	13.1	9.4	12.9	13.9	25.9
1962	39.1	28.4	8.8	11.6	13.5	18.5	13.9	15.5	10.1	14.2	15.6	27.2
1963	40.3	29.2	9.8	12.8	14.6	20.1	14.9	18.3	11.1	14.8	17.1	28.4
1964	42.0	30.3	11.0	14.3	15.8	21.9	16.1	20.4	12.9	15.8	18.8	30.2
1965	42.8	31.8	12.4	15.9	17.5	23.7	17.7	21.8	14.4	17.3	20.7	33.1
1966	44.8	34.4	13.6	17.6	19.9	25.1	19.3	22.8	16.1	18.8	22.6	35.8
1967	47.0	36.9	15.3	19.2	22.1	26.9	20.2	25.4	17.9	21.2	25.1	36.4
1968	50.4	39.7	17.9	20.3	22.7	30.3	21.5	27.1	19.9	23.1	27.2	33.9
1969	53.9	42.7	21.3	22.1	25.4	30.8	24.0	30.7	22.6	25.5	29.6	37.0
1970	57.6	47.4	25.4	25.2	29.1	32.4	30.3	36.8	26.1	28.2	33.2	42.8
1971	61.1	52.7	30.3	29.5	33.9	36.8	35.7	43.1	30.9	32.8	37.9	50.5
1972	64.4	57.6	40.1	37.7	39.9	44.2	43.1	52.3	38.6	38.9	45.4	58.2
1973	69.0	62.8	55.0	49.6	55.9	57.7	58.6	66.4	53.1	50.5	55.6	64.0
1974	76.3	74.4	67.1	60.3	67.0	63.3	69.0	74.0	65.5	61.4	64.3	77.4
1975	85.4	81.7	77.1	77.3	84.8	87.9	80.3	95.0	79.6	78.8	83.3	96.5
1976	92.3	96.9	82.3	83.1	89.8	91.4	84.2	89.5	85.5	86.7	93.9	92.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	108.3	99.5	136.1	122.9	120.1	124.2	124.7	119.1	123.4	111.7	110.1	125.6
1979	118.8	107.3	138.5	144.5	140.5	149.9	146.2	143.1	143.2	121.9	125.1	161.7
1980	132.7	118.7	143.8	160.4	145.6	172.5	160.5	165.3	152.2	138.0	140.9	215.3
1981	145.8	133.7	158.4	140.0	131.5	156.0	139.1	153.8	128.1	132.4	131.1	219.5
1982	158.2	145.7	147.0	119.0	122.7	150.6	136.3	153.5	127.1	129.5	112.6	206.9
1983 [4]	166.7	156.5	159.4	(3)	118.8	148.1	134.3	159.5	(3)	124.9	100.6	194.0
Unit labor costs in national currency												
1950	43,4	42.7	40.9	(3)	24.7	25.4	39.6	21.2	29.6	18.8	22.1	17.9
1951	46.2	46.4	41.7	(3)	27.1	31.1	43.6	20.9	31.7	20.8	25.1	19.4
1952	48.3	49.6	45.9	(3)	29.7	34.9	41.9	21.6	32.8	23.8	29.6	22.2
1953	50.1	50.4	42.4	(3)	30.2	34.3	41.3	22.1	31.4	24.1	29.6	22.3
1954	51.6	51.0	43.3	(3)	30.2	35.4	41.4	21.9	33.2	24.6	30.3	22.8
1955	51.0	49.4	43.2	(3)	31.0	35.8	41.7	21.7	34.5	25.8	32.0	23.7
1956	54.7	50.0	42.3	(3)	32.4	36.2	43.6	22.2	36.1	26.6	32.4	25.7
1957	56.8	53.0	40.6	(3)	33.1	38.1	44.6	22.6	38.6	27.6	32.8	26.7
1958	59.6	53.9	44.3	(3)	33.5	41.3	45.7	23.4	39.4	28.6	33.8	27.9
1959	59.1	53.0	42.3	(3)	33.5	41.2	45.7	22.5	37.5	29.4	33.3	27.7
1960	61.1	53.9	40.5	44.0	34.5	41.6	47.3	22.8	38.3	29.0	34.7	27.9
1961	61.2	52.4	41.7	46.1	36.7	43.4	50.4	23.4	41.5	30.7	36.3	29.8
1962	60.9	51.3	45.6	47.0	38.2	45.3	53.6	24.9	43.0	33.7	37.8	30.6
1963	58.5	51.2	47.1	50.1	40.3	47.0	54.6	28.7	45.8	34.3	39.4	30.4
1964	58.1	50.9	46.8	52.5	40.2	47.6	54.5	30.3	48.7	34.7	39.7	30.4
1965	57.5	51.5	50.5	55.3	42.6	48.3	56.4	29.2	51.4	36.2	40.9	32.3
1966	59.4	53.7	50.6	57.4	46.1	47.4	58.9	28.6	54.1	37.9	43.0	33.8
1967	62.4	56.0	49.4	59.1	47.4	48.1	58.2	30.0	56.0	40.9	44.0	33.3
1968	64.6	56.3	51.0	57.8	48.0	49.3	57.9	29.7	55.8	42.4	43.8	33.3
1969	68.0	57.1	52.4	57.9	51.9	49.5	59.4	31.5	57.9	42.9	44.3	35.5
1970	72.7	60.6	55.2	59.2	55.6	52.6	67.9	36.0	61.1	46.4	47.7	40.1
1971	72.7	60.9	60.2	64.2	60.2	56.4	73.2	40.3	65.4	51.1	51.4	44.2
1972	73.0	62.5	62.5	66.7	61.6	58.5	76.1	42.6	69.4	54.0	54.7	46.4
1973	74.2	64.8	69.4	69.5	67.8	63.6	81.0	48.1	75.1	57.6	57.2	48.7
1974	84.1	73.3	88.9	79.7	79.4	72.8	88.4	57.2	82.6	65.2	64.6	60.4
1975	91.5	86.0	100.1	92.6	85.8	86.7	94.4	77.1	96.2	79.7	77.1	80.1
1976	94.6	93.5	97.7	94.3	92.3	93.6	95.0	85.1	95.9	89.1	90.0	90.2

See footnotes at end of table.

Table 129. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing,[1] selected countries, 1950-83—Continued

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R. [2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Unit labor costs in national currency —Continued												
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	107.4	105.3	98.2	101.1	107.6	107.4	105.0	111.2	101.9	108.1	108.3	112.8
1979	117.0	113.5	96.1	103.6	113.7	117.3	107.5	121.9	104.7	108.2	108.2	129.9
1980	130.5	128.0	94.2	111.9	124.3	131.8	115.3	137.0	107.8	117.0	118.3	159.5
1981	138.5	144.2	95.9	117.1	126.5	148.9	121.3	162.9	110.5	129.5	130.6	175.3
1982	148.5	165.8	93.2	116.9	140.5	165.7	125.9	189.8	114.0	143.2	138.3	185.8
1983 [4]	147.4	166.6	91.1	(3)	144.1	177.9	124.7	219.8	(3)	147.3	139.5	189.3
Unit labor costs in U.S. dollars [6]												
1950	43.4	41.5	30.4	(3)	21.5	35.7	21.9	30.0	19.1	14.1	19.1	28.7
1951	46.2	46.8	31.1	(3)	23.5	43.6	24.1	29.5	20.4	15.5	21.7	31.1
1952	48.3	53.9	34.2	(3)	25.8	49.0	23.2	30.5	21.2	17.8	25.6	35.5
1953	50.1	54.4	31.5	(3)	26.3	48.2	22.8	31.2	20.3	18.0	25.6	35.9
1954	51.6	55.6	32.2	(3)	26.3	49.7	22.9	30.9	21.5	18.4	26.2	36.7
1955	51.0	53.2	32.1	(3)	26.9	50.3	23.0	30.7	22.2	19.3	27.6	37.9
1956	54.7	53.9	31.5	(3)	28.2	50.8	24.0	31.4	23.1	19.8	28.0	41.2
1957	56.8	58.7	30.2	(3)	28.8	44.5	24.6	31.9	24.8	20.6	28.4	42.7
1958	59.6	59.0	32.9	(3)	29.1	42.2	25.3	33.0	25.5	21.3	29.2	44.9
1959	59.1	58.7	31.5	(3)	29.2	41.2	25.4	31.9	24.4	21.9	28.7	44.5
1960	61.1	59.0	30.2	31.6	30.1	41.7	26.3	32.5	24.9	21.7	30.0	44.8
1961	61.2	55.0	30.9	33.1	31.9	43.5	29.1	33.3	28.1	22.9	31.4	47.8
1962	60.9	51.0	33.9	33.8	33.3	45.4	31.1	35.4	29.3	25.2	32.7	49.2
1963	58.5	50.4	34.9	36.0	35.0	47.2	31.8	40.8	31.2	25.5	34.0	48.8
1964	58.1	50.1	34.6	37.8	34.9	47.7	31.8	42.9	33.1	25.8	34.4	48.6
1965	57.5	50.8	37.4	39.9	37.0	48.4	32.7	41.2	35.0	26.9	35.4	51.7
1966	59.4	53.0	37.4	41.3	40.0	47.4	34.2	40.4	36.7	28.2	37.2	54.1
1967	62.4	55.2	36.5	42.6	40.8	48.0	33.9	42.5	38.2	30.4	38.1	52.5
1968	64.6	55.5	37.9	41.5	38.5	48.9	33.7	42.0	37.8	31.6	37.8	45.7
1969	68.0	56.4	39.1	41.4	41.4	47.0	35.1	44.3	39.2	31.9	38.3	48.6
1970	72.7	61.7	41.3	42.7	44.5	46.8	43.2	50.6	41.4	34.5	41.1	55.0
1971	72.7	64.1	46.4	47.3	48.8	50.3	48.9	57.5	46.0	38.7	45.0	62.0
1972	73.0	67.0	55.2	54.3	53.2	57.1	55.4	64.5	53.1	43.6	51.4	66.6
1973	74.2	68.8	68.6	64.1	67.6	70.4	71.0	73.1	66.3	53.4	58.7	68.4
1974	84.1	79.7	81.7	73.4	78.4	74.5	79.5	77.6	75.6	62.8	65.1	81.1
1975	91.5	89.8	90.4	90.4	89.8	99.5	89.2	104.3	93.5	81.4	83.2	101.9
1976	94.6	100.7	88.2	87.5	91.7	96.3	87.6	90.5	89.0	86.9	92.3	93.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	107.4	98.1	126.2	115.2	117.3	117.3	121.6	115.6	115.7	109.7	107.1	124.0
1979	117.0	103.0	117.9	126.5	129.7	135.5	136.2	129.5	128.1	113.8	112.8	157.9
1980	130.5	116.3	111.8	137.3	132.6	153.6	147.5	141.4	133.2	126.2	125.0	212.7
1981	138.5	127.8	116.7	113.3	106.9	135.3	124.9	127.2	109.0	120.0	115.9	203.4
1982	148.5	142.7	100.2	91.5	101.1	123.8	120.3	123.7	104.7	118.0	98.3	186.1
1983 [4]	147.4	143.6	102.7	(3)	94.6	114.7	113.3	127.7	(3)	107.4	81.2	164.5

[1] The data refer to all employed persons in the United States and Canada and all employees in the other countries.

[2] Including West Berlin.

[3] Not available.

[4] Preliminary.

[5] In France, Sweden and the United Kingdom, compensation adjusted to include changes in employment taxes that are not compensation to employees, but are labor costs to employers.

[6] Indexes in national currency adjusted for changes in exchange rates.

SOURCE: Bureau of Labor Statistics. Based on data from national and international publications.

Table 130. Indexes of trade-weighted relative trends in output per hour, hourly compensation, and unit labor costs in manufacturing,[1] selected countries, 1960–82

[1977 = 100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R.[2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Relative output per hour												
1960	159.2	94.3	47.1	83.1	88.6	90.1	102.1	91.3	79.8	140.5	103.1	135.3
1961	154.0	96.0	51.4	79.9	89.2	90.4	102.4	93.9	80.1	137.3	102.7	128.4
1962	152.5	96.7	51.0	79.5	89.2	90.9	103.4	99.0	78.4	130.4	105.1	124.4
1963	155.8	94.1	52.3	78.8	87.5	90.6	102.7	96.5	77.1	127.6	105.7	124.2
1964	151.5	92.9	55.7	77.7	87.9	90.5	103.5	94.7	78.0	124.7	106.5	123.2
1965	148.0	92.9	55.2	76.8	87.3	91.4	104.6	99.9	78.4	124.2	108.4	120.2
1966	141.4	94.0	58.6	77.8	87.4	94.0	103.0	101.7	79.5	122.0	107.7	118.4
1967	132.3	95.3	64.8	77.5	89.8	94.3	103.0	101.6	80.3	119.1	110.4	117.5
1968	125.8	97.1	68.5	77.6	90.4	96.7	101.7	101.6	83.4	115.5	111.8	116.9
1969	118.8	99.7	75.6	79.5	88.3	95.9	101.9	102.6	85.5	117.9	113.2	112.2
1970	112.7	99.9	83.0	83.8	90.0	97.3	99.2	103.0	89.6	114.7	113.3	109.8
1971	113.4	101.1	83.8	84.4	91.1	97.9	98.0	101.0	91.1	113.1	112.2	109.4
1972	111.0	99.9	87.9	86.1	92.2	96.6	97.2	102.0	91.8	111.0	109.9	109.7
1973	108.6	100.2	90.7	91.4	94.8	94.8	95.4	106.8	94.3	109.3	109.9	109.1
1974	102.2	103.4	91.1	93.2	94.7	95.2	97.6	108.5	98.7	109.3	111.3	108.5
1975	104.0	98.2	93.0	95.0	102.9	97.4	99.8	101.0	94.3	105.9	110.5	104.9
1976	101.3	98.8	95.9	98.4	100.6	97.9	99.3	102.6	99.6	102.7	105.2	103.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	97.1	99.8	105.3	102.7	99.2	102.7	98.5	99.6	103.0	98.3	99.6	97.8
1979	93.1	100.8	111.0	105.2	100.2	102.6	98.6	102.4	103.3	98.5	103.2	94.5
1980	91.3	97.8	120.4	105.6	99.6	101.7	97.5	106.3	103.5	98.3	102.8	91.3
1981	91.1	96.8	122.8	108.1	108.0	100.6	96.0	106.1	102.7	95.4	99.2	94.1
1982	89.7	92.8	130.0	110.2	103.6	103.4	94.2	105.6	102.8	92.1	97.7	94.1
Relative hourly compensation in national currency												
1960	241.9	93.9	43.1	91.3	78.3	93.6	125.5	47.7	72.7	102.9	87.1	85.1
1961	226.3	92.0	46.7	87.2	80.1	93.9	129.2	48.0	75.5	102.0	87.2	83.4
1962	214.2	89.7	49.4	84.4	79.8	94.2	133.5	51.6	73.2	101.9	88.9	79.7
1963	203.9	89.1	51.8	86.3	80.4	94.7	130.6	57.2	74.8	98.8	91.6	77.2
1964	195.4	87.8	54.4	88.1	80.1	94.8	129.1	59.0	80.1	97.2	92.3	76.0
1965	182.6	88.6	57.4	89.3	81.5	94.6	131.8	57.9	82.3	97.2	93.9	77.1
1966	176.1	90.6	59.2	91.7	85.8	92.8	133.3	55.9	85.6	97.1	95.3	77.6
1967	171.3	92.3	62.3	93.4	89.6	93.2	129.0	58.4	88.7	101.3	98.7	74.4
1968	167.4	91.8	67.2	90.8	90.6	97.5	125.2	57.1	91.1	100.9	98.4	73.1
1969	161.8	91.4	73.3	90.5	92.6	93.5	124.5	59.3	94.2	100.6	97.2	72.6
1970	150.9	90.2	77.8	88.5	92.4	91.3	128.5	62.1	95.0	97.3	95.7	73.8
1971	141.9	89.9	81.3	89.6	94.1	91.6	127.7	63.8	96.4	98.6	95.6	76.5
1972	133.9	90.0	85.8	93.3	93.5	90.3	126.8	65.9	99.4	98.2	96.2	77.9
1973	124.2	90.7	93.7	93.9	99.4	90.2	123.7	73.3	103.7	96.7	94.3	76.4
1974	113.7	92.7	105.6	96.2	100.7	89.8	117.8	77.1	104.0	93.7	93.0	82.3
1975	107.2	93.0	105.5	98.5	101.0	94.6	107.8	85.4	101.0	95.8	95.4	92.9
1976	102.6	98.0	100.6	99.3	100.0	98.5	101.8	92.6	102.0	98.1	101.3	99.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	99.0	98.2	96.3	97.7	100.1	103.9	97.2	105.0	99.1	100.2	101.4	104.6
1979	98.2	99.1	92.6	96.9	101.5	107.6	93.2	112.7	96.9	96.0	98.9	110.9
1980	98.3	97.8	88.4	95.8	100.3	109.7	89.7	120.7	91.1	94.8	98.0	121.5
1981	96.0	102.4	84.9	95.0	102.5	114.2	85.2	134.8	86.3	95.0	97.2	128.3
1982	94.8	105.8	81.3	90.8	103.3	123.7	81.2	149.3	84.6	96.3	95.5	128.3

See footnotes at end of Table.

Table 130. Indexes of trade-weighted relative trends in output per hour, hourly compensation, and unit labor costs in manufacturing,[1] selected countries, 1960–82 —Continued

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R.[2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Relative hourly compensation in U.S. dollars												
1960	267.8	106.2	34.4	79.2	77.3	109.2	70.0	84.8	57.5	86.7	84.3	165.3
1961	250.7	99.4	36.9	74.5	78.1	108.3	74.7	84.2	61.3	85.4	83.8	160.1
1962	239.3	91.8	39.1	72.0	77.8	108.5	77.4	90.4	59.8	85.3	85.7	153.3
1963	228.3	90.3	40.9	73.4	78.4	109.1	76.1	100.0	61.1	82.7	87.6	148.1
1964	218.8	89.0	42.9	75.2	77.9	109.2	75.5	102.6	65.3	81.2	89.0	145.2
1965	204.5	89.9	45.3	76.5	79.4	109.0	76.6	100.8	67.3	81.3	90.5	147.6
1966	197.4	92.0	46.7	78.3	83.7	106.9	77.5	97.5	69.7	81.3	91.8	148.7
1967	192.3	93.6	49.2	80.0	86.7	107.3	75.4	101.9	72.7	85.0	95.4	140.3
1968	191.2	93.9	54.2	78.7	83.6	113.5	74.6	101.7	75.6	86.9	97.2	120.2
1969	185.2	93.5	59.6	78.5	85.0	103.6	76.2	104.7	78.2	86.7	96.1	119.5
1970	170.8	95.0	62.9	76.7	84.1	92.6	85.6	107.6	77.8	83.1	93.2	120.8
1971	156.2	97.3	66.6	77.4	84.9	90.8	87.9	109.2	79.8	83.6	92.4	125.1
1972	137.1	97.4	77.2	82.4	84.0	91.6	89.3	111.3	83.2	83.0	93.8	122.0
1973	117.0	94.9	88.4	83.9	94.3	95.4	98.1	111.8	89.9	85.7	92.3	106.7
1974	109.9	100.0	94.1	87.9	96.7	89.4	100.0	106.5	95.4	88.8	91.4	112.0
1975	102.1	95.9	90.1	91.2	100.1	104.1	93.4	114.2	95.0	93.6	98.3	115.9
1976	103.8	106.4	91.6	94.6	101.3	104.5	94.2	102.3	97.7	97.6	106.2	105.4
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	90.2	88.8	116.8	99.8	99.6	102.3	103.4	97.5	100.9	92.3	91.0	105.1
1979	86.6	86.2	102.8	99.8	100.6	107.0	104.6	101.6	100.6	87.8	89.5	119.1
1980	86.1	85.0	93.8	98.0	91.5	109.3	100.9	104.6	94.6	88.3	89.1	143.3
1981	96.5	90.1	105.5	92.9	86.3	102.9	89.9	102.0	84.6	87.4	85.4	151.5
1982	107.2	93.5	97.5	81.0	83.7	101.4	90.8	104.4	86.9	89.4	74.6	144.8
Relative unit labor costs in national currency												
1960	151.9	99.6	91.5	109.8	88.4	103.8	122.9	52.2	91.0	73.2	84.5	62.9
1961	147.0	95.8	91.0	109.2	89.8	103.9	126.1	51.2	94.2	74.3	84.9	65.0
1962	140.5	92.8	97.0	106.1	89.5	103.6	129.1	52.1	93.4	78.1	84.7	64.1
1963	130.9	94.7	99.2	109.4	91.9	104.5	127.2	59.3	97.0	77.4	86.6	62.1
1964	129.0	94.5	97.7	113.5	91.1	104.8	124.7	62.3	102.6	77.9	86.7	61.7
1965	123.4	95.4	103.9	116.3	93.4	103.5	125.9	57.9	104.9	78.3	86.6	64.1
1966	124.5	96.4	101.0	117.9	98.1	98.7	129.4	55.0	107.6	79.6	88.5	65.6
1967	129.5	96.8	96.2	120.5	99.8	98.9	125.3	57.4	110.6	85.0	89.4	63.3
1968	133.1	94.5	98.1	117.1	100.1	100.7	123.1	56.2	109.3	87.4	88.0	62.5
1969	136.2	91.7	96.9	113.9	104.9	97.4	122.2	57.8	110.2	85.3	85.8	64.6
1970	134.0	90.3	93.7	105.7	102.6	93.8	129.5	60.3	106.0	84.8	84.4	67.2
1971	125.1	88.9	97.0	106.2	103.3	93.6	130.3	63.2	105.6	87.2	85.2	69.9
1972	120.6	90.1	97.7	105.9	101.4	93.5	130.4	64.6	108.3	88.5	87.5	71.0
1973	114.4	90.5	103.3	102.7	104.8	95.1	129.7	68.6	110.0	88.5	85.8	70.0
1974	111.2	89.7	115.9	103.2	106.3	94.3	120.8	71.0	105.4	85.8	83.6	75.9
1975	103.0	94.7	113.5	103.7	98.1	97.1	108.0	84.6	107.1	90.5	86.4	88.6
1976	101.3	99.2	104.9	100.9	99.4	100.6	102.5	90.2	102.3	90.5	96.4	96.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	102.0	98.4	91.5	95.1	100.9	101.2	98.7	105.4	96.2	102.0	101.9	107.0
1979	105.5	98.3	83.4	92.1	101.3	104.8	94.6	110.0	93.8	97.4	95.9	117.4
1980	107.7	100.0	73.4	90.8	100.7	107.9	92.0	113.5	88.1	96.4	95.3	133.1
1981	105.3	105.7	69.1	87.9	94.9	113.5	88.8	127.0	84.0	99.6	98.0	136.4
1982	105.7	114.1	62.6	82.4	99.7	119.7	86.2	141.4	82.2	104.6	97.8	136.3

See footnotes at end of table.

Table 130. Indexes of trade-weighted relative trends in output per hour, hourly compensation, and unit labor costs in manufacturing,[1] selected countries, 1960-82 —Continued

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R.[2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Relative unit labor costs in U.S. dollars[3]												
1960	168.2	112.6	73.0	95.2	87.2	121.2	68.5	92.9	72.0	61.7	81.8	122.2
1961	162.8	103.5	71.8	93.2	87.6	119.7	72.9	89.7	76.5	62.2	81.6	124.7
1962	156.9	94.9	76.7	90.5	87.2	119.3	74.9	91.3	76.3	65.4	81.5	123.3
1963	146.5	96.0	78.3	93.1	89.6	120.4	74.1	103.6	79.3	64.8	82.9	119.2
1964	144.4	95.8	77.0	96.8	88.7	120.7	72.9	108.4	83.7	65.1	83.6	117.9
1965	138.2	96.8	82.1	99.5	91.0	119.4	73.2	100.8	85.8	65.5	83.5	122.8
1966	139.6	97.9	79.7	100.7	95.8	113.6	75.3	95.9	87.7	66.6	85.3	125.6
1967	145.4	98.3	75.9	103.3	96.6	113.8	73.3	100.2	90.5	71.4	86.4	119.3
1968	152.0	96.7	79.1	101.5	92.4	117.3	73.3	100.1	90.6	75.3	87.0	102.8
1969	155.9	93.8	78.9	98.8	96.3	107.9	74.8	102.1	91.4	73.5	84.9	106.4
1970	151.6	95.1	75.8	91.6	93.4	95.1	86.3	104.4	86.8	72.5	82.2	110.0
1971	137.8	96.2	79.5	91.7	93.1	92.7	89.7	108.1	87.6	73.9	82.4	114.3
1972	123.5	97.4	87.8	93.5	91.1	94.8	91.8	109.2	90.6	74.7	85.4	111.2
1973	107.8	94.7	97.4	91.8	99.5	100.6	102.8	104.7	95.4	78.4	84.0	97.7
1974	107.6	96.7	103.2	94.3	102.1	93.9	102.5	98.1	96.7	81.2	82.1	103.3
1975	98.1	97.7	96.9	95.9	97.3	106.9	93.7	113.1	100.7	88.5	89.0	110.5
1976	102.5	107.6	95.4	96.1	100.7	106.7	94.9	99.7	98.0	95.0	101.0	102.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	92.9	89.0	111.0	97.1	100.4	99.6	104.9	98.0	98.0	93.9	91.4	107.5
1979	93.0	85.6	92.6	94.8	100.4	104.3	106.1	99.2	97.4	89.1	86.7	126.0
1980	94.3	86.9	77.9	92.9	91.9	107.4	103.4	98.4	91.4	89.8	86.6	157.0
1981	105.9	93.0	85.9	85.9	79.9	102.3	93.6	96.1	82.3	91.6	86.2	161.0
1982	119.5	100.8	75.0	73.5	80.8	98.1	96.4	98.8	84.5	97.1	76.4	153.8

[1] The data refer to all employed persons in the United States and Canada and all employees in other countries.

[2] Including West Berlin.

[3] Indexes in national currency adjusted for changes in exchange rates.

Table 131. Average weekly hours of production workers in manufacturing, selected countries and years, 1955–83

Item and country	1955	1960	1965	1966	1967	1968	1969	1970	1971	1972
Average weekly hours paid										
United States	40.7	39.7	41.2	41.4	40.6	40.7	40.6	39.8	39.9	40.5
Canada	41.0	40.4	41.0	40.8	40.3	40.3	40.0	39.7	39.7	40.0
Germany, F.R. [1]	48.8	45.6	[2] 44.1	43.7	42.0	43.0	43.8	43.8	43.0	42.7
Average weekly hours worked										
Belgium	(3)	[4] 41.6	40.9	[2] 40.5	39.6	39.6	39.3	38.4	37.6	36.9
Italy	39.1	39.6	[2] 35.0	36.0	36.2	36.2	34.6	34.5	33.2	32.2
Japan [5]	45.9	48.1	44.3	44.7	44.8	44.5	43.8	43.1	42.4	42.3
United Kingdom [6]	45.1	43.9	42.4	41.5	41.7	42.0	41.8	41.3	40.5	40.8
Average weekly scheduled hours [7]										
Belgium	(3)	(3)	(3)	(3)	43.8	43.7	43.6	42.9	42.2	41.4
France	(3)	(3)	45.8	46.1	45.7	45.7	45.6	45.0	44.6	44.1
Germany, F.R. [1]	(3)	(3)	(3)	43.8	42.4	43.4	44.1	44.1	43.1	43.0
Italy	(3)	(3)	(3)	(3)	(3)	44.7	44.0	42.6	42.2	42.0
Netherlands	[4] 49.6	[4] 48.8	[2] 46.0	45.9	45.3	45.3	45.0	44.4	43.8	43.3

Item and country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 [8]
Average weekly hours paid											
United States	40.7	40.0	39.5	40.1	40.3	40.4	40.2	39.7	39.8	38.9	40.1
Canada	39.6	38.9	38.6	38.7	38.7	38.8	38.8	38.5	38.5	37.7	[2] 38.3
Germany, F.R. [1]	[2] 42.8	41.9	40.4	41.4	41.7	41.6	41.8	41.6	41.1	40.7	[2] 40.5
Average weekly hours worked											
Belgium	[2] 35.8	34.9	32.4	33.4	32.7	32.8	32.9	32.5	31.1	31.7	(3)
Italy	31.2	30.6	29.2	30.2	30.5	[2] 30.2	29.9	30.0	29.3	[8] 28.9	(3)
Japan [5]	42.0	39.8	38.6	40.2	40.2	40.5	41.1	41.2	41.0	40.8	41.1
United Kingdom [6]	40.9	40.3	39.6	40.3	40.3	40.3	40.1	39.5	39.8	39.8	40.3
Average weekly scheduled hours [7]											
Belgium	[2] 40.8	40.1	36.4	38.0	36.8	37.0	37.4	36.1	35.2	35.4	(3)
France	[2] 43.6	43.0	41.6	[2] 41.7	41.3	41.0	40.8	40.6	40.3	39.3	[2] 38.9
Germany, F.R. [1]	[2] 42.9	41.8	40.5	41.8	41.9	41.8	41.9	41.7	41.2	40.4	(3)
Italy	41.8	41.7	41.5	41.6	41.6	[2] 39.2	39.4	38.8	38.2	37.7	(3)
Netherlands	43.2	42.2	40.7	41.1	41.0	[2] 41.1	41.2	41.0	40.7	40.6	(3)

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[1] Including West Berlin.

[2] New sample. Data not comparable with earlier years.

[3] Not available.

[4] October.

[5] Regular workers in establishments employing 30 or more regular employees.

[6] October each year.

[7] Normally scheduled hours adjusted for overtime and for time lost because of technical reasons or production cutbacks.

[8] Preliminary.

Table 132. Hourly compensation costs for production workers in manufacturing, selected countries, 1975-83

Item and country	1975	1976	1977	1978	1979	1980	1981	1982 [1]	1983 [2]
Hourly compensation costs in U.S. dollars [3] [4]									
United States	6.35	6.93	7.59	8.30	9.07	9.89	10.95	11.68	12.26
Canada	6.10	7.20	7.53	7.69	8.13	8.91	9.80	10.68	11.44
Brazil	1.13	1.29	1.46	1.67	1.73	1.70	2.15	2.47	1.68
Mexico [5]	1.92	2.07	1.74	2.04	2.33	2.95	3.62	1.97	1.45
Venezuela [6]	2.03	2.04	2.20	2.47	2.82	3.44	3.78	([7])	([7])
Australia [8]	5.02	5.45	5.48	6.09	6.50	7.37	8.87	9.01	8.45
Hong Kong [5] [9] [10]	.72	.83	.98	1.13	1.25	1.44	1.48	1.55	1.40
India [10]	.19	.28	.32	.37	.37	.40	([7])	([7])	([7])
Israel [10]	2.25	2.38	2.68	2.57	3.30	3.79	4.18	4.43	4.79
Japan	3.05	3.30	4.03	5.54	5.49	5.61	6.18	5.70	6.20
Korea [10]	.36	.47	.63	.86	1.14	1.08	1.14	1.22	1.29
New Zealand [10]	3.07	2.88	3.23	3.97	4.52	5.11	5.46	5.31	4.79
Pakistan [10]	.21	.23	.29	.36	.38	([7])	([7])	([7])	([7])
Singapore	.83	.85	.91	1.05	1.24	1.47	1.77	1.93	2.17
Sri Lanka	.28	.24	.32	.26	.23	.22	.21	.24	([7])
Taiwan [10]	.48	.57	.67	.80	1.01	1.27	1.52	1.57	1.61
Austria [9] [11]	4.06	4.32	5.18	6.20	7.18	7.84	6.89	6.90	6.92
Belgium	6.54	7.03	8.46	10.39	12.02	13.18	11.10	9.33	9.20
Denmark	6.28	6.63	7.25	8.93	10.05	10.54	9.12	8.68	8.53
Finland [12]	4.59	5.21	5.55	5.80	7.40	8.21	7.94	7.83	7.36
France	4.58	4.76	5.31	6.54	7.85	9.13	8.16	7.86	7.66
Germany, F.R. [13]	6.19	6.61	7.80	9.65	11.29	12.33	10.54	10.44	10.41
Greece	1.40	1.59	1.91	2.36	2.83	3.12	3.06	3.38	3.03
Ireland	3.01	2.84	3.08	3.87	4.79	5.81	5.44	5.54	5.48
Italy	4.65	4.41	5.10	6.09	7.14	8.14	7.39	7.36	7.59
Luxembourg	6.34	6.86	7.99	9.81	11.08	11.98	9.82	8.59	([7])
Netherlands	6.56	7.02	8.19	9.98	11.34	12.05	9.89	9.84	9.52
Norway	6.78	7.48	8.49	9.57	10.38	11.68	11.10	10.91	10.50
Portugal	1.58	1.66	1.58	1.63	1.68	2.03	1.98	([7])	([7])
Spain [6]	2.60	2.92	3.26	3.90	5.41	5.96	5.60	5.37	4.75
Sweden	7.18	8.25	8.88	9.65	11.33	12.51	11.80	10.07	8.97
Switzerland [10]	6.07	6.42	6.87	9.60	10.60	11.15	10.22	10.52	10.56
Turkey [10]	.70	.89	.80	1.05	1.11	([7])	([7])	([7])	([7])
United Kingdom	3.26	3.12	3.36	4.28	5.50	7.28	7.13	6.80	6.48
Hourly compensation costs in national currency [3]									
United States (dollar)	6.35	6.93	7.59	8.30	9.07	9.89	10.95	11.68	12.26
Canada (dollar)	6.21	7.10	8.00	8.76	9.52	10.42	11.75	13.18	14.09
Brazil (cruzeiro)	9.19	13.80	20.65	30.10	46.66	89.68	200.03	443.70	971.86
Mexico [5] (peso)	24.01	29.91	39.32	46.37	53.22	67.76	88.78	143.81	224.93
Venezuela [6] (bolivar)	8.68	8.76	9.43	10.62	12.09	14.77	16.22	([7])	([7])
Australia [8] (dollar)	3.84	4.46	4.95	5.32	5.82	6.46	7.72	8.87	9.37
Hong Kong [5] [9] [10] (dollar)	3.56	4.08	4.58	5.28	6.24	7.14	8.24	9.38	10.16
India [10] (rupee)	1.55	2.53	2.80	2.99	3.03	3.15	([7])	([7])	([7])
Israel [10] (shekel)	1.44	1.90	2.81	4.49	8.41	19.42	47.72	107.63	269.08
Japan (yen)	904	979	1,078	1,155	1,199	1,266	1,361	1,419	1,474
Korea [10] (won)	176	229	306	416	550	658	779	892	1,000
New Zealand [10] (dollar)	2.54	2.90	3.34	3.83	4.42	5.25	6.29	7.07	7.17
Pakistan [10] (rupee)	2.07	2.27	2.86	3.59	3.71	([7])	([7])	([7])	([7])
Singapore (dollar)	1.97	2.10	2.21	2.38	2.70	3.15	3.75	4.12	4.58
Sri Lanka (rupee)	1.97	2.04	2.88	4.13	3.54	3.58	3.97	4.99	([7])
Taiwan [10] (dollar)	18.41	21.70	25.45	29.48	36.53	45.82	55.84	61.32	64.53
Austria [9] [11] (shilling)	70.57	77.56	85.64	89.84	95.99	101.33	109.46	117.66	124.27
Belgium (franc)	239.86	271.29	303.20	326.56	352.61	384.75	411.16	427.14	470.46
Denmark (krone)	36.00	40.07	43.50	49.19	52.89	59.35	64.78	72.40	78.01
Finland [12] (markka)	16.84	20.07	22.28	23.83	26.67	30.52	34.29	37.63	40.93
France (franc)	19.62	22.74	26.09	29.43	33.41	38.53	44.15	51.74	58.40
Germany, F.R. [13] (mark)	15.20	16.64	18.11	19.35	20.70	22.39	23.75	25.35	26.85
Greece (drachma)	45.16	58.06	70.19	86.76	104.65	133.12	169.33	226.03	267.16
Ireland (pound)	1.36	1.57	1.76	2.01	2.34	2.82	3.37	3.90	4.39
Italy (lira)	3,031	3,660	4,502	5,170	5,931	6,956	8,363	9,969	11,531
Luxembourg (franc)	233.27	264.81	286.35	308.86	324.80	350.42	364.54	392.70	([7])
Netherlands (guilder)	16.54	18.54	20.09	21.56	22.75	23.92	24.61	26.30	27.16
Norway (krone)	35.34	40.83	45.21	50.16	52.54	57.64	63.58	70.46	76.66
Portugal (escuda)	40.26	50.12	60.17	71.51	82.29	101.68	121.36	([7])	([7])
Spain [6] (peseta)	149	195	245	298	363	427	515	591	682
Sweden (krona)	29.73	35.93	39.68	43.59	48.57	52.91	59.40	63.31	68.82
Switzerland [10] (franc)	15.66	16.05	16.46	17.06	17.63	18.68	20.03	21.40	22.19

See footnotes at end of table.

Table 132. Hourly compensation costs for production workers in manufacturing, selected countries,1975-83—Continued

Item and country	1975	1976	1977	1978	1979	1980	1981	1982 [1]	1983 [2]
Hourly compensation costs in national currency [3]—Continued									
Turkey [10] (lira)	10.16	14.32	14.45	25.40	34.48	(7)	(7)	(7)	(7)
United Kingdom (pound)	1.47	1.73	1.92	2.23	2.59	3.13	3.52	3.89	4.28
Average hourly earnings in national currency [14]									
United States (dollar)	4.83	5.22	5.68	6.17	6.70	7.27	7.99	8.50	8.84
Canada (dollar)	5.06	5.76	6.38	6.84	7.44	8.19	9.17	10.25	10.96
Brazil [15] (cruzeiro)	7.35	11.04	16.52	24.08	37.33	71.74	160.02	354.96	777.49
Mexico [5] (peso)	18.01	22.59	29.54	34.45	39.57	49.75	63.64	104.06	162.76
Venezuela (bolivar)	8.04	8.11	8.73	9.83	11.19	13.68	15.02	(7)	(7)
Australia [8] (dollar)	3.34	3.88	4.30	4.63	5.06	5.62	6.71	7.71	8.15
Hong Kong [5 9 16] (dollar)	3.16	3.63	4.07	4.69	5.55	6.35	7.32	8.34	9.03
India [17] (rupee)	1.38	2.25	2.49	2.66	2.69	2.80	(7)	(7)	(7)
Israel [16] (shekel)	1.01	1.33	1.97	3.15	5.90	13.63	33.49	75.53	188.83
Japan (yen)	791	851	929	983	1,027	1,093	1,164	1,212	1,259
Korea [18] (won)	150	195	260	354	468	560	663	759	851
New Zealand [19] (dollar)	2.16	2.47	2.84	3.26	3.76	4.47	5.35	6.02	6.10
Pakistan [17] (rupee)	1.84	2.02	2.54	3.19	3.30	(7)	(7)	(7)	(7)
Singapore (dollar)	1.46	1.53	1.60	1.71	1.89	2.13	2.50	2.73	3.01
Sri Lanka (rupee)	1.41	1.46	2.06	2.95	2.53	2.56	2.68	3.37	(7)
Taiwan (dollar)	15.67	18.47	21.66	25.09	31.09	39.00	47.52	52.19	54.92
Austria [9 11] (shilling)	40.05	43.77	48.03	50.16	53.21	55.86	59.98	64.05	67.21
Belgium (franc)	143.80	161.00	177.00	188.00	203.00	221.50	243.00	259.50	271.00
Denmark (krone)	30.64	34.04	36.93	41.69	44.82	49.62	54.07	59.98	63.42
Finland [12] (markka)	11.62	13.41	14.60	15.69	17.49	19.74	22.25	24.58	26.91
France (franc)	11.60	13.37	15.22	17.08	19.21	22.08	25.30	29.28	32.61
Germany, F.R. [13] (mark)	9.74	10.39	11.19	11.76	12.41	13.27	13.92	14.68	15.20
Greece (drachma)	34.74	44.66	53.99	66.74	80.50	102.40	130.25	173.87	205.51
Ireland [20](pound)	1.10	1.26	1.42	1.63	1.90	2.26	2.66	3.04	3.42
Italy (lira)	1,520	1,830	2,310	2,711	3,125	3,722	4,585	5,386	6,183
Luxembourg (franc)	162.90	187.01	204.39	223.00	232.00	248.00	256.00	275.00	(7)
Netherlands (guilder)	9.80	10.84	11.70	12.47	13.09	13.80	14.42	15.56	16.15
Norway (krone)	25.30	29.50	32.69	35.30	36.26	39.75	43.85	48.39	52.65
Portugal (escuda)	32.52	40.52	47.83	56.75	64.90	80.19	94.59	(7)	(7)
Spain [21] (peseta)	99	130	169	213	259	305	368	422	487
Sweden (krona)	20.45	24.08	25.70	27.94	30.11	32.68	36.24	39.08	41.53
Switzerland (franc)	11.65	11.94	12.25	12.69	13.12	13.90	14.90	15.92	16.51
Turkey [16 19] (lira)	8.47	11.93	12.04	21.17	28.73	(7)	(7)	(7)	(7)
United Kingdom (pound)	1.19	1.38	1.50	1.72	1.97	2.34	2.59	2.86	3.13

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[1] Preliminary.

[2] Provisional.

[3] Total compensation includes all direct payments made to the worker (pay for time worked, pay for vacations, holidays, and other leave, all bonuses and other special payments, and pay in kind) before payroll deductions of any kind, plus employer expenditures for legally required insurance programs and contractual and private plans for the benefit of employees. In addition, compensation includes other significant taxes on payrolls or employment that are regarded as labor costs. For consistency, compensation is measured per hour worked for every country.

[4] Converted to U.S. dollars using the average daily exchange rate for the reference year.

[5] Average of selected manufacturing industries.

[6] Compensation excludes contractual and private social insurance expenditures.

[7] Not available.

[8] Including nonproduction workers other than managerial, executive, professional, and higher supervisory.

[9] Earnings and compensation exclude overtime pay for Hong Kong and Austria, and shift differentials also for Austria.

[10] Compensation figures shown are the midpoints of estimated average compensation ranges.

[11] Excluding establishments considered handicraft manufacturers (including all printing and publishing and miscellaneous manufacturing) and petroleum refining.

[12] Including mining and electric power plants.

[13] Including West Berlin. Excluding establishments considered handicraft manufacturers.

[14] Average hourly earnings do not include the same items of laber compensation in each country. Earnings generally include basic time and piece rates, overtime pay and shift differentials, regular bonuses and premiums, and cost of living adjustments. In some countries, earnings also include bonuses not paid regularly each pay period, private or contractual family allowances paid by the employer, and pay in kind. In general, earnings are computed per hour paid and include pay for time not worked or else are computed per worked and exclude pay for time not worked. For some countries, however, earnings include pay for time not worked and are computed per hour worked. For all countries, earnings refer to gross payments made to the worker before payroll deductions for taxes and employee social insurance contributions.

[15] Hourly earnings are estimated on the basis of 1974 hourly earnings--derived from annual earnings by assuming 2068 hours of work per year--and the average earnings trend in all industry since 1974.

[16] Hourly earnings are estimated from average daily earnings by assuming 8.5 hours of work per day for Hong Kong, 8 hours for Israel, and 9 hours for Turkey.

[17] Hourly earnings are estimated from average monthly earnings by assuming 190 hours of work per month for India and 192 hours for Pakistan.

[18] Hourly earnings for production workers are estimated on the basis of average hourly earnings for all employees adjusted for the relative level of production worker monthly earnings to all employee earnings.

[19] Hourly earnings are the midpoints of estimated production worker earnings ranges (80-90 percent of all employee earnings).

[20] Earnings refer to September for 1975-76, March and September for other years.

[21] Hourly earnings for 1975-76 are estimated on the basis of 1977 manufacturing earnings and the 1975-77 earnings trend for the total private nonfarm economy.

SOURCE: Bureau of Labor Statistics. Based on data from national and International statistical publications.

Table 133. Hourly compensation costs and direct pay of production workers in manufacturing, selected countries and years, 1960–83

Item and country	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982 [1]	1983 [2]
Hourly compensation costs in U.S, dollars [3] [4]												
United States	2.66	3.14	4.18	6.35	6.93	7.59	8.30	9.07	9.89	10.95	11.68	12.26
Canada	2.13	2.28	3.46	6.10	7.20	7.53	7.69	8.13	8.91	9.80	10.68	11.44
Japan	.26	.48	.99	3.05	3.30	4.03	5.54	5.49	5.61	6.18	5.70	6.20
Belgium	.82	1.29	2.06	6.54	7.03	8.46	10.39	12.02	13.18	11.10	9.33	9.20
France	.82	1.23	1.72	4.58	4.76	5.31	6.54	7.85	9.13	8.16	7.86	7.66
Germany, F.R. [5]	.85	1.40	2.33	6.19	6.61	7.80	9.65	11.29	12.33	10.54	10.44	10.41
Italy	.63	1.12	1.76	4.65	4.41	5.10	6.09	7.14	8.14	7.39	7.36	7.59
Netherlands	.68	1.23	2.12	6.56	7.02	8.19	9.98	11.34	12.05	9.89	9.84	9.52
Sweden	1.20	1.87	2.93	7.18	8.25	8.88	9.65	11.33	12.51	11.80	10.07	8.97
United Kingdom	.84	1.15	1.49	3.26	3.12	3.36	4.28	5.50	7.28	7.13	6.80	6.48
Hourly direct pay in U.S dollars [4] [6]												
United States	2.41	2.80	3.64	5.29	5.72	6.24	6.79	7.39	8.03	8.85	9.44	9.84
Canada	1.99	2.13	3.17	5.59	6.56	6.82	6.90	7.31	8.08	8.83	9.59	10.27
Japan	.24	.44	.90	2.74	2.95	3.57	4.86	4.84	4.97	5.45	5.00	5.45
Belgium	.68	1.03	1.62	5.06	5.46	6.58	8.06	9.33	10.23	8.85	7.64	7.15
France	.61	.90	1.28	3.31	3.43	3.81	4.68	5.59	6.50	5.83	5.57	5.42
Germany, F.R. [5]	.73	1.21	1.97	5.05	5.31	6.26	7.68	8.96	9.78	8.35	8.25	8.20
Italy	.45	.81	1.26	3.26	3.06	3.61	4.33	5.10	5.90	5.50	5.40	5.52
Netherlands	.59	1.05	1.71	5.04	5.35	6.25	7.60	8.61	9.16	7.53	7.54	7.30
Sweden	1.11	1.70	2.60	5.57	6.21	6.49	7.10	8.29	9.09	8.52	7.26	6.32
United Kingdom	.79	1.06	1.39	2.95	2.78	2.91	3.68	4.70	6.24	6.07	5.79	5.52
Hourly compensation costs in national currency [3] [7]												
United States	2.66	3.14	4.18	6.35	6.93	7.59	8.30	9.07	9.89	10.95	11.68	12.26
Canada	2.07	2.46	3.61	6.21	7.10	8.00	8.76	9.52	10.42	11.75	13.18	14.09
Japan	.94	173	355	904	979	1,078	1,155	1,199	1,266	361	1,419	1,474
Belgium	40.94	64.00	102.09	239.86	271.29	303.20	326.56	352.61	384.75	411.16	427.14	470.46
France	4.02	6.05	9.52	19.62	22.74	26.09	29.43	33.41	38.53	44.15	51.74	58.40
Germany, F.R. [5]	3.53	5.60	8.51	15.20	16.64	18.11	19.35	20.70	22.39	23.75	25.35	26.58
Italy	389	701	1,103	3,031	3,660	4,502	5,170	5,931	6,956	8,363	9,969	11,531
Netherlands	2.55	4.42	7.68	16.54	18.54	20.09	21.56	22.75	23.92	24.61	26.30	27.16
Sweden	6.19	9.63	15.19	29.73	35.93	39.68	43.59	48.57	52.91	59.40	63.31	68.82
United Kingdom	.30	.41	.62	1.47	1.73	1.92	2.23	2.59	3.13	3.52	3.89	4.28
Hourly direct pay in national currency [6] [7]												
United States	2.41	2.80	3.64	5.29	5.72	6.24	6.79	7.39	8.03	8.85	9.44	9.84
Canada	1.93	2.30	3.31	5.68	6.47	7.25	7.87	8.56	9.44	10.58	11.83	12.65
Japan	86	159	324	814	874	955	1,012	1,055	1,122	1,200	1,247	1,295
Belgium	33.79	51.20	80.50	185.65	210.59	235.59	253.42	273.64	298.58	327.56	349.81	365.31
France	2.97	4.39	7.09	14.18	16.40	18.72	21.08	23.78	27.42	31.51	36.68	41.30
Germany, F.R. [5]	3.03	4.84	7.19	12.41	13.36	14.52	15.40	16.43	17.75	18.81	20.03	20.93
Italy	279	507	790	2,128	2,543	3,191	3,674	4,237	5,048	6,220	7,307	8,388
Netherlands	2.21	3.77	6.19	12.72	14.14	15.34	16.42	17.28	18.17	18.75	20.15	20.83
Sweden	5.75	8.79	13.50	23.09	27.07	28.99	32.05	35.56	38.43	42.91	45.65	48.51
United Kingdom	.28	.38	.58	1.33	1.54	1.67	1.92	2.21	2.68	3.00	3.31	3.64

See footnotes at end of table.

Table 133. Hourly compensation costs and direct pay of production workers in manufacturing, selected countries and years, 1960-83—Continued

Item and country	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982 [1]	1983 [2]
Average hourly earnings in national currency [7] [8]												
United States	2.26	2.61	3.35	4.83	5.22	5.68	6.17	6.70	7.27	7.99	8.50	8.84
Canada	1.79	2.12	3.01	5.06	5.76	6.38	6.84	7.44	8.19	9.17	10.25	10.96
Japan	83	153	314	791	851	929	983	1,027	1,093	1,164	1,212	1,259
Belgium	29.56	43.54	65.82	143.80	161.00	177.00	188.00	203.00	221.50	243.00	259.50	271.00
France	2.62	3.76	5.99	11.60	13.37	15.22	17.08	19.21	22.08	25.30	29.28	32.61
Germany, F.R. [5]	2.63	4.13	5.99	9.74	10.39	11.19	11.76	12.41	13.27	13.92	14.68	15.20
Italy	228	398	615	1,520	1,830	2,310	2,711	3,125	3,722	4,585	5,386	6,183
Netherlands	1.85	3.10	4.93	9.80	10.84	11.70	12.47	13.09	13.80	14.42	15.56	16.15
Sweden	5.31	7.85	12.01	20.45	24.08	25.70	27.94	30.11	32.68	36.24	39.08	41.53
United Kingdom	.27	.36	.54	1.19	1.38	1.50	1.72	1.97	2.34	2.59	2.86	3.13

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[1] Preliminary.

[2] Provisional.

[3] Compensation includes all direct payments made to the worker (pay for time worked, pay for vacations, holidays, and other leave, all bonuses and other special payments, and pay in kind) before payroll deductions of any kind, plus employer expenditures for legally required insurance programs and contractual and private plans for the benefit of employees. In addition, compensation includes other significant taxes on payrolls or employment that are regarded as labor costs. For consistency, compensation is measured per hour worked for every country.

[4] Converted to U.S dollars using the average daily exchange rate for the reference year.

[5] Include West Berlin.

[6] Direct pay includes pay for time worked, pay for time not worked (vacations, holidays, and other leave), all bonuses and other special payments, and pay in kind, before payroll deductions of any kind, and is measured per hour worked.

[7] National currency units: United States, dollar; Belgium, franc; Canada, dollar; France, franc; Germany, mark; Italy, lira; Japan, yen; Netherlands, guilder; Sweden, krona; and United Kingdom, pound.

[8] Average hourly earnings do not include the same items of labor compensation in each country. Earnings generally include basic time and piece rates, overtime pay and shift differentials, regular bonuses and premiums, and cost of living adjustments. In some countries, earnings also include bonuses not paid regularly each pay period, private or contractual family allowances paid by the employer, and pay in kind. In general, earnings are computed per hour paid and include pay for time not worked or else are computed per hour worked and exclude pay for time not worked. For Japan, however, earnings include pay for time not worked and are computed per hour worked. For all countries, earnings refer to gross payments made to the worker before payroll deductions for taxes and employee social insurance contributions.

Table 134. Structure of compensation for production workers in manufacturing, selected countries and years, 1965-81

[Total compensation = 100]

Country and year	Pay for time worked [1]	Other direct payments to workers [2]				Employer social welfare expenditures			Total compensation	Total compensation plus taxes [2]
		Pay for leave time [3]	Bonuses [4]	Pay in kind [5]	Total	Legally required insurance	Private benefit plans [6]	Total		
United States										
1966	82.4	5.6	0.6	([7])	6.2	5.5	5.8	11.4	100.0	-
1972	79.0	6.2	.5	([7])	6.6	6.2	8.2	14.4	100.0	-
1977	74.8	6.9	.4	([7])	7.3	7.4	10.4	17.8	100.0	-
Canada										
1968	84.1	7.0	.3	[8] 0.5	[8] 7.7	3.0	5.2	8.2	100.0	-
1971	83.1	[9] 7.7	.2	[8] .6	[8] 8.5	[10] 3.8	4.6	8.4	100.0	-
1978	78.1	8.9	([11])	([11])	[8] 11.7	4.2	[12] 6.1	10.2	100.0	-
Japan [13]										
1965	64.6	3.2	18.2	4.2	25.6	4.8	4.9	9.8	100.0	-
1971	61.2	3.2	21.3	4.1	28.6	5.2	5.0	10.1	100.0	-
1978	56.7	4.7	20.3	4.0	29.1	6.9	7.4	14.3	100.0	-
Belgium [14]										
1966	67.1	[15] 9.9	[16] 2.5	.2	12.7	19.7	.5	20.2	100.0	-
1972	60.9	[15] 12.8	[16] 3.5	.2	16.5	22.2	.4	22.7	100.0	-
1978	57.0	[15] 10.8	9.7	.1	20.6	21.8	.6	22.4	100.0	-
1981	56.4	[15] 9.6	12.0	-	21.6	21.4	.5	22.0	100.0	-
France [14]										
1966	63.7	[15] 7.8	[16] 2.8	1.1	11.7	22.0	2.6	24.6	100.0	103.8
1972	67.2	[15] 8.4	[16] 3.0	1.0	12.4	22.5	3.5	26.0	100.0	-
1978	57.4	[15] 7.8	5.6	.9	14.3	22.1	6.1	28.3	100.0	-
1981 [17]	56.6	[15] 8.4	5.4	.8	14.6	22.3	6.4	28.8	100.0	-
Germany, F.R. [14]										
1966	72.1	[15] 10.2	[16] 2.8	.5	13.5	12.1	2.3	14.4	100.0	-
1972	67.2	[15] 11.2	[16] 3.5	.3	15.0	16.6	1.2	17.8	100.0	-
1978	59.9	[15] 10.8	8.4	.2	19.4	18.2	2.3	20.5	100.0	-
1981	57.7	[15] 11.8	9.1	.2	21.1	18.3	2.8	21.0	100.0	-
Italy [14]										
1966	57.0	[18] 8.5	7.2	.3	16.0	26.0	.9	26.9	100.0	-
1972	53.6	[18] 9.9	8.4	.2	18.5	27.4	.6	27.9	100.0	-
1978	51.7	[18] 10.4	8.6	.2	19.2	27.3	1.8	29.1	100.0	-
1981	54.4	[18] 11.1	8.9	.2	20.2	23.5	1.9	25.4	100.0	-
Netherlands [19]										
1966	67.1	[15] 10.8	[16] 4.7	.7	16.2	10.8	5.7	16.6	100.0	-
1972	62.4	[15] 12.5	[16] 4.3	.7	17.5	14.2	5.9	20.1	100.0	-
1978	57.2	[15] 8.2	10.1	.2	18.6	17.5	6.7	24.2	100.0	-
1981	57.8	[15] 8.9	8.8	.3	18.0	17.3	6.9	24.3	100.0	-
Sweden										
1968	80.3	10.3	[20] .4	-	10.7	8.3	.7	9.1	100.0	-
1972	78.8	9.9	[20] 2	-	10.2	10.0	.9	11.0	100.0	101.8
1979	62.0	10.9	[20] .3	-	11.2	22.8	4.0	26.8	100.0	-
1981	61.0	10.7	[20] .4	-	11.2	23.6	4.1	27.8	100.0	-

See footnotes at end of table.

Table 134. Structure of compensation for production workers in manufacturing, selected countries and years, 1965-81—Continued

[Total compensation = 100]

Country and year	Pay for time worked [1]	Other direct payments to workers [2]				Employer social welfare expenditures			Total compensation	Total compensation plus taxes [2]
		Pay for leave time [3]	Bonuses [4]	Pay in kind [5]	Total	Legally required insurance	Private benefit plans [6]	Total		
United Kingdom [21]										
1968	86.0	5.6	0.6	0.2	6.3	5.2	2.6	7.8	100.0	98.2
1973	83.2	[22] 7.8	[16] .5	.1	8.4	5.9	2.4	8.4	100.0	99.2
1978	75.5	[22] 8.8	.8	.1	9.7	9.6	5.2	14.8	100.0	99.5
1981	71.8	[22]11.7	.7	.1	12.5	10.0	5.7	15.6	100.0	99.3

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[1] Pay for time worked includes basic time and piece rates, plus overtime premiums and shift differentials, other bonuses and premiums paid monthly, and cost-of-living adjustments (in Japan, basic contractual earnings and duty allowances plus overtime pay).

[2] Other direct pay excludes direct payments considered social welfare expenditures, such as sick leave pay, family allowances, or supplementary unemployment benefits. For Canada, however, all direct payments except sick leave pay are included.

[3] Pay for leave time includes pay for vacations, holidays, and personal leave. Sick leave pay is included in private benefit plans.

[4] Bonuses include all bonuses and premiums not paid monthly, including Christmas or end-year bonuses, summer or vacation bonuses, and special productivity or profit-sharing bonuses.

[5] Pay in kind includes the cost to the employer of goods or services provided free or at reduced costs, such as food or housing, or cash allowances paid in lieu of pay in kind. For Canada, pay in kind consists of room and board and other pay in kind considered "taxable benefits," including also employer payments to provincial health insurance plans for which the employee is legally responsible (for 1971 and 1978).

[6] Including contractual as well as private plans.

[7] Not included.

[8] Including also floating cost-of-living allowances, retroactive pay for the previous year, directly paid retirement allowances and unfunded pension payments, and directly paid supplementary unemployment benefits (plus severance pay in 1978).

[9] Excluding personal as well as sick leave.

[10] Including some voluntary employer payments for provincial health insurance not yet ruled taxable benefits.

[11] Separate data are not available for bonuses, taxable benefits, or other direct pay.

[12] Including legally required Quebec provincial health insurance tax payments.

[13] Data refer to all regular employees in establishments with 30 or more regular employees.

[14] Data refer to production workers in establishments with 50 or more employees.

[15] Including vacation bonuses (in 1972 and 1966) and severance pay or pay in lieu of notice.

[16] Excluding vacation bonuses.

[17] Structure for production workers estimated using 1978-1981 change in structure for all employees.

[18] Including severance pay or pay in lieu of notice.

[19] Data refer to all employees in establishments with 50 or more employees.

[20] Personal leave pay, bonuses, and pay in kind.

[21] Data refer to production workers in establishments with 50 or more employees for 1973-81 and in establishments with 25 or more employees for 1968.

[22] Including vacation bonuses (in 1973), severance pay or pay in lieu of notice, and net redundancy payments. In 1981, redundancy payments accounted for 19.6 percent of total pay for leave time (2.3 percent of total compensation.)

- Data not available.

Table 135. Indexes of real hourly and weekly compensation in manufacturing,[1] selected countries, 1950-83

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R.[2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Real hourly Compensation												
1950	54.0	39.7	19.4	(3)	31.1	26.2	17.3	21.9	20.8	31.8	29.3	43.3
1951	55.1	40.7	21.3	(3)	31.3	28.7	18.9	21.9	20.9	31.8	29.7	43.1
1952	57.4	43.6	23.4	(3)	32.9	29.9	19.5	22.6	22.0	32.6	32.2	43.4
1953	60.1	46.1	23.0	(3)	33.7	31.2	21.0	23.8	22.7	33.7	33.6	44.3
1954	62.5	48.4	23.7	(3)	34.9	33.9	22.0	24.1	23.9	34.3	34.1	46.0
1955	65.2	49.9	25.1	(3)	34.7	35.3	23.7	25.4	25.7	35.4	35.4	47.3
1956	68.3	51.8	26.1	(3)	35.4	37.5	25.2	26.1	28.3	37.5	36.3	49.0
1957	69.9	53.6	26.5	(3)	36.8	38.8	27.6	26.6	29.5	39.0	37.1	50.2
1958	71.1	54.9	27.2	(3)	38.2	37.9	29.4	26.6	30.2	39.2	38.3	51.9
1959	73.2	56.4	29.9	(3)	40.1	38.0	32.5	27.7	30.6	41.8	39.7	53.2
1960	75.1	58.6	31.9	33.4	42.2	39.7	35.2	29.2	32.0	43.7	41.0	55.5
1961	76.4	59.6	35.2	35.0	45.4	42.5	38.6	31.4	36.1	46.8	44.0	57.5
1962	78.4	60.6	37.6	37.0	46.3	44.9	42.4	35.2	37.7	48.6	46.9	57.9
1963	79.8	61.7	39.1	40.2	47.8	46.7	43.9	38.8	40.2	49.6	50.4	59.4
1964	82.0	63.0	42.3	42.9	49.8	49.1	46.3	40.9	44.0	50.2	53.1	61.4
1965	82.3	64.5	44.3	45.8	52.0	52.0	49.5	42.0	47.4	52.8	55.8	64.2
1966	83.5	67.1	46.4	48.7	55.3	53.6	52.0	42.9	50.3	55.4	57.4	66.9
1967	85.3	69.7	50.0	51.5	57.7	56.2	53.7	46.8	53.8	59.8	61.1	68.6
1968	87.7	71.9	55.3	53.3	58.8	61.1	56.4	49.3	58.0	63.1	65.0	70.4
1969	89.1	73.9	62.3	56.2	64.0	62.7	60.6	54.7	61.2	67.5	68.3	72.5
1970	89.8	76.9	68.8	61.0	68.5	67.2	68.9	62.3	67.6	67.6	71.7	78.4
1971	91.4	80.5	74.9	66.9	74.4	72.0	73.6	68.4	71.9	72.7	74.4	82.8
1972	93.2	82.4	82.6	73.6	77.3	74.6	77.4	74.2	76.4	75.5	78.3	86.9
1973	94.1	84.4	90.6	79.8	85.9	79.7	81.9	85.1	84.3	79.4	81.0	89.1
1974	93.8	88.1	96.5	86.3	90.1	83.3	88.0	88.8	91.7	84.7	86.8	97.4
1975	96.2	90.8	101.1	92.5	98.1	92.0	91.8	97.7	95.1	92.0	95.9	103.2
1976	98.3	97.1	98.5	95.8	100.5	97.3	94.5	100.4	98.3	97.0	102.6	104.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.6	98.0	101.6	103.2	100.1	104.0	105.1	101.9	104.4	101.9	103.2	105.2
1979	99.2	99.5	104.4	108.4	102.1	107.3	108.4	103.5	108.0	102.4	104.3	108.0
1980	97.6	99.7	104.0	112.3	100.8	107.8	112.0	101.6	106.6	102.0	101.8	111.2
1981	97.2	102.4	106.5	115.5	102.8	110.2	113.8	105.3	105.3	100.2	100.4	116.4
1982	99.3	103.7	108.9	111.7	102.3	115.7	114.2	108.1	106.0	98.9	99.2	117.0
1983[4]	101.4	105.1	110.5	(3)	101.6	120.2	114.9	109.9	(3)	100.0	99.3	121.0
Real weekly Compensation												
1950	54.2	43.1	20.9	(3)	41.9	29.3	22.7	27.2	25.8	40.1	38.9	49.8
1951	55.4	43.4	23.4	(3)	41.6	32.5	24.5	27.6	25.9	40.1	39.8	49.8
1952	57.8	45.9	26.0	(3)	43.6	33.2	25.3	28.4	27.2	40.9	42.9	49.7
1953	60.3	48.9	25.8	(3)	44.4	34.7	27.2	30.2	28.2	42.6	44.1	51.1
1954	61.6	50.4	26.5	(3)	46.1	38.0	28.8	31.0	29.8	43.1	45.0	53.4
1955	65.6	52.1	28.4	(3)	45.9	39.3	30.9	32.4	32.1	44.7	46.7	55.1
1956	68.3	54.6	30.4	(3)	46.4	41.9	32.2	32.9	35.1	47.2	47.0	56.6
1957	69.1	55.7	30.8	(3)	48.0	43.8	33.5	33.6	36.5	48.2	48.2	57.9
1958	69.5	57.1	31.2	(3)	49.6	42.2	35.0	33.4	37.4	48.6	48.9	59.3
1959	72.9	59.0	35.0	(3)	50.7	42.0	37.4	35.2	38.1	50.6	50.0	61.3
1960	74.1	60.8	37.7	41.1	52.8	44.6	41.5	37.6	40.3	53.0	51.2	63.3
1961	75.5	61.5	40.9	43.1	55.3	47.9	44.6	40.0	43.6	55.8	54.4	64.7
1962	78.3	63.2	42.7	45.6	56.8	50.5	47.8	43.5	45.2	57.8	57.5	64.4
1963	79.9	64.6	43.9	49.4	57.7	52.6	48.7	48.1	48.0	58.9	61.1	66.0
1964	82.7	66.2	47.3	52.7	60.7	54.9	51.6	48.4	52.0	59.6	63.8	68.7
1965	83.9	67.8	48.5	55.2	63.2	57.6	54.6	48.1	55.9	61.6	66.5	70.8
1966	85.5	69.9	51.1	58.2	66.0	59.7	56.5	50.7	58.9	65.2	68.4	72.4
1967	86.1	72.3	55.2	60.9	68.1	61.9	57.1	55.5	62.8	69.6	71.6	73.6
1968	88.8	74.6	60.8	63.1	67.8	65.3	61.4	58.5	66.2	71.4	74.6	76.2
1969	89.8	76.4	67.4	65.8	72.8	68.8	66.1	62.1	68.9	74.8	77.0	78.5

See footnotes at end of table.

Table 135. Indexes of real hourly and weekly compensation in manufacturing,[1] selected countries, 1950–83—Continued

[1977=100]

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R. [2]	Italy	Netherlands	Norway	Sweden	United Kingdom
Real weekly Compensation—Continued												
1970	89.0	79.2	73.5	69.5	75.5	72.8	74.8	70.6	74.7	74.6	79.1	83.5
1971	90.7	82.3	78.8	75.1	81.8	77.4	78.0	74.4	78.6	79.3	81.9	86.0
1972	93.9	84.2	86.4	80.8	83.1	79.4	81.3	78.3	82.4	81.4	84.0	89.2
1973	95.0	85.8	94.1	85.4	87.4	83.6	85.6	86.9	89.3	84.9	85.2	92.9
1974	93.3	89.0	95.7	89.9	93.5	86.1	89.3	89.6	93.9	89.6	90.2	97.7
1975	94.5	90.7	97.6	91.3	98.5	92.4	90.3	93.5	95.6	96.3	97.7	102.2
1976	97.7	97.1	98.2	96.3	101.4	98.1	96.0	99.5	98.6	99.1	103.3	104.0
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.8	98.2	102.3	103.0	98.9	103.3	103.6	101.7	103.2	99.9	100.5	105.0
1979	98.8	99.0	106.1	107.8	100.8	106.4	106.4	102.2	105.5	99.0	100.0	107.7
1980	96.2	98.8	105.7	110.4	100.2	107.3	108.4	100.6	105.0	98.2	96.4	107.2
1981	95.7	100.3	107.6	110.9	100.9	109.0	108.3	101.8	103.1	96.4	94.6	110.7
1982	96.2	100.9	109.8	107.3	102.0	111.0	108.0	102.6	104.2	96.5	93.9	113.3
1983 [4]	100.4	103.3	112.0	([3])	103.6	112.2	109.5	103.0	([3])	98.2	95.2	118.0

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[1] Average hourly or weekly compensation adjusted for changes in consumer prices since the base period. The data relate to all employed persons in the United States and Canada, and all employees in the other countries.

[2] Including West Berlin.

[3] Not available.

[4] Preliminary.

Table 136. Indexes of consumer prices, selected countries and years, 1950-83

[1967 = 100]

Country and index	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
	Indexes of consumer prices, total and selected categories [2]																	
United States																		
Total	72.1	80.2	88.7	94.5	116.3	121.3	125.3	133.1	147.7	161.2	170.5	181.5	195.4	217.4	246.8	272.4	289.1	298.4
Food	74.5	81.6	88.0	94.4	114.9	118.4	123.5	141.4	161.7	175.4	180.8	192.2	211.4	234.5	254.6	274.6	285.7	291.7
Apparel and upkeep	79.0	84.1	89.6	93.7	116.1	119.8	122.3	126.8	136.2	142.3	147.6	154.2	159.6	166.6	178.4	186.9	191.8	196.5
Housing	–	–	–	–	118.2	123.4	128.1	133.7	148.8	164.5	174.6	186.5	202.8	227.6	263.3	293.5	314.7	323.1
Shelter	–	79.1	87.8	93.8	123.6	128.8	134.5	140.7	154.4	169.7	179.0	191.1	210.4	239.7	281.7	314.7	337.0	344.8
Transportation	68.2	77.4	89.6	95.9	112.7	118.6	119.9	123.8	137.7	150.6	165.5	177.2	185.5	212.0	249.7	280.0	291.5	298.4
Australia [3]																		
Total	49.0	73.8	86.2	94.1	109.8	116.4	123.3	134.9	155.3	178.7	202.9	227.9	245.9	268.3	295.5	324.2	360.3	396.4
Food at home	41.4	73.7	84.7	93.9	107.6	111.8	116.1	133.8	154.2	165.8	186.1	207.6	227.4	259.1	291.8	318.7	343.1	377.9
Clothing and drapery	56.4	84.5	91.5	96.8	107.9	113.9	120.2	131.4	155.8	184.1	214.2	243.2	264.0	282.3	301.4	323.9	345.8	–
Shelter	42.5	60.5	75.4	92.0	116.7	125.3	134.6	145.5	167.5	199.6	232.0	258.3	277.3	295.8	321.8	355.6	396.5	–
Austria																		
Total	–	–	77.7	94.1	110.6	115.8	123.1	132.4	145.0	157.2	168.7	178.0	184.4	191.2	203.3	217.1	229.0	236.6
Food [4]	–	–	76.4	95.0	109.5	113.7	120.3	129.7	140.5	149.4	158.2	168.1	173.8	178.4	186.5	197.4	206.3	211.5
Clothing	–	–	85.7	95.8	104.8	108.3	113.8	122.2	133.5	141.7	149.1	156.0	161.2	166.7	178.3	183.2	188.2	194.9
Housing and laundry [5]	–	–	78.5	93.3	113.7	121.9	129.7	140.8	156.1	174.4	191.7	200.5	206.7	215.7	233.2	250.1	271.4	281.2
Shelter	–	–	70.3	89.3	125.5	141.0	156.3	177.9	195.1	221.6	257.2	274.5	288.6	302.8	320.5	344.6	376.1	406.7
Transportation	–	–	71.7	88.1	111.5	114.1	124.7	132.4	149.8	161.4	173.9	184.1	192.1	202.4	216.6	236.8	247.2	253.3
Belgium																		
Total [6]	67.9	75.4	82.3	93.3	110.7	115.5	121.8	130.3	146.8	165.6	180.7	193.6	202.2	211.3	225.3	242.5	263.7	283.8
Food	–	75.3	80.6	93.0	110.1	112.2	119.7	129.2	141.3	157.2	177.2	189.1	191.8	192.7	199.7	211.7	232.0	251.5
Canada [7]																		
Total	69.1	78.1	86.7	93.1	112.4	115.6	121.1	130.3	144.5	160.1	172.1	185.9	202.5	221.0	243.5	273.9	303.4	321.0
Food	–	–	84.6	92.8	110.0	111.2	119.7	137.2	159.5	180.1	184.9	200.3	231.4	261.8	289.9	323.0	346.4	359.2
Clothing	–	–	85.0	91.7	107.8	109.4	112.3	117.8	129.1	136.9	144.4	154.3	160.2	174.9	195.5	209.4	221.0	229.9
Housing	–	–	88.2	93.2	115.4	120.6	126.3	134.4	146.1	160.7	178.5	195.3	210.0	224.6	242.9	273.1	307.2	328.3
Shelter	–	–	85.1	92.6	120.7	127.4	134.4	143.6	153.8	166.8	185.6	202.9	217.6	230.0	245.1	271.6	304.6	325.4
Transportation	–	–	89.4	93.7	111.6	116.1	119.2	122.3	134.5	150.3	166.4	178.0	188.4	206.7	233.1	276.0	314.9	330.6
France [8]																		
Total	45.3	59.0	78.8	94.8	117.1	123.5	131.1	140.7	160.0	178.9	196.1	214.5	233.9	259.1	294.2	333.6	373.1	408.9
Food	48.6	59.8	77.7	95.7	116.1	123.5	133.2	145.8	164.1	182.8	202.5	228.1	246.6	268.7	294.8	336.0	378.6	413.6
Clothing [9]	57.3	69.6	85.2	96.4	110.4	115.2	121.2	130.0	147.0	166.2	181.0	195.7	216.2	240.0	267.0	291.7	319.4	351.8
Housing	–	–	74.3	92.4	119.7	126.4	132.5	140.2	162.3	180.6	199.3	216.2	234.5	263.7	309.4	356.6	402.3	442.5
Rent	17.0	36.3	59.2	87.7	125.6	132.7	140.4	151.6	163.2	180.2	201.3	219.8	238.3	265.3	299.5	338.9	373.5	409.7
Transportation	39.6	59.2	79.7	93.6	122.4	130.6	136.6	143.7	170.1	192.0	213.6	234.1	257.3	291.5	337.4	384.3	431.7	470.0
Germany, F.R. [10]																		
Total	68.7	75.7	82.8	94.9	107.0	112.6	118.9	127.1	136.0	144.1	150.2	155.8	160.0	166.6	175.8	186.2	196.1	201.9
Food	67.0	77.6	84.9	97.1	103.8	107.7	113.8	122.5	128.3	135.0	141.1	148.0	150.1	152.7	159.0	166.8	177.1	181.2
Clothing	81.9	79.1	86.5	96.2	105.1	111.3	118.0	126.8	136.3	143.2	148.1	155.2	162.0	169.1	178.9	187.8	196.2	202.2
Housing [5]	–	–	–	92.7	111.8	118.1	124.1	132.7	143.4	153.7	160.8	165.5	170.5	181.1	192.5	206.0	217.4	223.8
Shelter	49.9	55.0	65.7	86.8	119.0	126.3	133.9	141.9	148.9	158.6	166.5	172.1	177.1	182.8	192.1	200.4	210.4	221.6
Transportation	64.4	76.9	85.1	93.2	105.3	112.4	120.0	129.1	142.1	151.0	157.5	160.8	165.5	173.2	183.9	197.1	206.1	212.1
Italy [11]																		
Total	64.5	67.9	74.5	94.7	109.2	114.5	121.0	134.2	159.8	186.9	218.3	258.5	289.8	332.7	403.2	474.9	553.2	634.2
Food	68.7	72.0	76.8	96.3	107.5	111.8	118.9	133.2	156.9	185.2	216.8	258.7	292.1	330.8	382.3	444.7	517.7	581.1
Clothing	77.5	77.9	80.5	97.3	110.6	117.5	124.7	139.7	167.8	194.6	225.8	276.9	318.1	362.3	437.3	512.1	594.3	675.2
Housing [5]	56.4	58.8	72.7	94.9	110.9	116.0	120.2	128.4	152.8	173.6	196.8	231.8	254.0	300.8	365.6	460.0	539.1	625.0
Rent [12]	31.1	35.4	63.4	90.4	115.2	119.4	124.2	132.9	140.3	159.9	179.1	206.1	224.7	276.8	370.5	445.7	530.6	630.6
Transportation	62.0	64.8	74.7	93.9	109.2	115.7	121.8	136.0	173.7	207.5	263.3	307.9	334.8	386.5	480.9	566.5	660.8	773.8
Japan																		
Total	45.7	62.7	67.7	91.5	119.3	126.8	133.0	148.5	183.0	204.5	223.7	241.9	252.1	261.5	281.8	295.6	303.8	309.4
Food	46.0	61.3	64.8	91.8	123.0	130.4	135.5	153.1	195.5	220.9	241.0	257.1	266.2	271.9	288.2	303.4	309.0	315.3
Clothing	73.9	77.9	75.8	93.9	119.1	129.8	136.9	166.3	205.1	217.5	233.8	248.0	256.7	269.1	288.7	300.0	310.6	319.5
Housing [13]	33.4	55.1	70.5	90.9	114.9	120.5	125.4	137.9	137.9	174.3	185.1	195.9	204.4	212.9	226.7	235.8	242.8	250.1
Rent	11.8	30.6	51.6	84.2	122.2	133.2	146.1	160.0	172.4	190.8	210.1	231.7	250.8	264.1	275.6	288.8	300.7	312.2
Transportation	38.0	61.7	69.6	82.5	116.5	120.7	126.7	134.1	147.4	170.2	186.2	201.3	224.2	237.4	252.6	261.2	274.6	272.3

See footnotes at end of table.

Table 136. Indexes of consumer prices, selected countries and years, 1950-83—Continued

[1967 = 100]

Country and index	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
	Indexes of consumer prices, total and selected categories [2]																	
Netherlands [14]																		
Total	58.2	68.5	77.7	91.4	115.5	124.3	134.3	145.2	159.4	175.3	190.9	203.8	212.6	221.9	237.4	253.6	268.7	276.2
Food	57.0	68.4	77.1	93.7	112.7	118.0	125.8	135.9	144.7	155.9	171.7	183.3	184.6	187.7	197.8	208.6	220.4	221.4
Clothing	78.2	80.7	71.0	91.0	116.0	127.7	137.6	150.9	171.3	190.6	202.9	218.0	231.5	240.5	256.5	264.7	277.9	280.5
Housing [5]	50.2	66.5	82.2	93.4	114.6	124.2	132.6	142.9	158.8	173.9	189.8	201.4	212.6	224.2	244.2	268.9	289.6	311.5
Shelter	36.8	51.2	74.6	89.0	121.2	132.8	144.7	157.8	171.1	183.4	202.7	218.6	230.7	245.6	261.9	281.9	303.9	324.5
Transportation	57.0	66.6	75.2	87.7	110.7	122.6	134.0	142.2	155.4	167.8	182.3	192.6	197.3	207.0	223.9	243.4	253.9	263.4
Sweden																		
Total	47.9	62.8	75.4	90.1	112.0	120.3	127.5	136.2	149.6	164.3	181.1	201.8	222.0	238.0	270.6	303.4	329.3	358.8
Food [4]	40.8	57.6	70.0	90.8	113.4	123.8	135.0	142.8	151.6	169.5	191.3	219.3	240.2	253.0	282.1	324.4	364.5	406.8
Clothing	64.9	76.3	83.3	92.2	102.4	111.3	117.7	120.9	128.5	141.9	153.9	164.1	174.9	183.8	197.2	209.4	219.6	235.7
Housing [5]	49.8	63.4	79.0	90.5	120.2	124.2	129.3	141.8	165.0	177.0	193.7	217.3	236.9	262.1	314.9	359.6	389.1	408.7
Shelter	44.5	55.2	70.8	86.8	123.7	125.9	132.2	141.1	155.3	167.8	180.7	203.8	219.4	236.3	274.6	310.8	329.8	343.5
United Kingdom																		
Total	53.0	69.3	78.9	93.9	117.4	128.5	137.6	150.3	174.3	216.5	252.4	292.4	316.6	359.0	423.6	473.9	514.7	538.3
Food at home	49.8	74.7	81.9	94.2	118.2	131.3	143.0	164.5	194.0	243.8	292.4	348.0	372.7	417.5	468.0	507.5	547.3	564.7
Clothing	69.3	82.1	87.3	100.0	110.8	118.4	126.9	138.9	163.2	187.5	207.0	234.8	255.0	279.2	306.4	310.7	314.0	320.4
Housing [5]	47.8	60.3	74.7	91.8	117.0	127.6	138.0	149.3	169.9	208.7	240.0	274.7	296.2	341.5	421.5	486.9	538.5	558.4
Shelter	43.8	51.6	69.6	89.6	117.5	128.3	141.8	158.4	177.1	210.0	239.7	270.8	290.2	349.6	451.0	532.5	599.7	614.4
Transportation [16]	-	70.3	83.1	95.1	117.7	131.2	138.9	147.1	173.1	224.4	258.9	296.8	323.1	379.2	450.3	503.2	535.8	571.3
	Indexes of consumer prices, total																	
Argentina (Buenos Aires)	1.8	4.1	20.7	58.7	142.0	191.7	302.5	485.6	603.5	1,707	9,271	25,595	70,508	182,986	367,372	751,202	1,988,952	8,827,214
Brazil (Sao Paulo)	.7	1.5	4.8	52.6	182.2	220.7	260.2	300.5	375.4	488.9	661.6	929.6	1,286	1,932	3,438	6,726	12,719	28,322
Denmark	49.0	60.0	67.0	87.2	119.1	126.0	134.3	146.8	169.2	185.5	202.2	224.6	247.3	271.0	304.4	340.0	374.5	400.3
Egypt	74.7	72.4	77.7	91.1	111.6	115.1	117.5	122.6	135.9	149.0	164.3	185.2	205.8	226.2	273.0	301.4	346.1	401.8
India	47.5	45.0	58.1	79.7	107.0	110.5	117.4	137.2	176.7	186.6	172.1	186.6	191.3	203.5	226.7	256.4	276.3	309.1
Ireland	52.7	67.0	76.5	94.1	121.7	132.5	144.1	160.4	187.7	226.9	267.8	304.3	327.5	370.8	438.4	527.9	618.5	683.2
Israel	20.6	53.4	64.6	91.1	111.0	124.3	140.3	168.3	235.2	327.6	430.2	579.2	872.3	1,555	3,592	7,788	17,160	42,157
Korea	.8	24.4	39.6	81.0	144.7	164.2	183.5	189.2	235.3	294.7	339.8	374.3	428.2	506.6	652.2	791.1	848.5	877.2
Mexico	41.3	63.8	84.9	93.1	111.0	117.1	122.8	137.9	170.6	196.2	227.2	293.3	344.1	406.7	513.7	657.6	1,044	2,108
Norway	48.8	66.4	76.0	92.8	118.0	125.4	134.4	144.4	158.0	176.5	192.6	210.1	227.2	238.0	264.0	300.0	334.0	362.1
Spain	37.9	43.6	62.9	88.5	113.3	122.6	132.8	148.0	171.2	200.3	235.5	293.2	351.2	406.3	469.4	537.7	615.4	689.9
Switzerland	68.0	73.8	78.3	91.8	108.8	115.9	123.6	134.5	147.6	157.5	160.2	162.3	164.0	169.9	176.7	188.3	198.9	204.7
Taiwan	23.9	53.5	84.3	94.9	115.7	118.6	124.4	140.6	161.7	170.2	174.4	186.7	197.5	216.7	257.9	300.0	308.9	313.1
Venezuela (Caracas)	86.8	86.6	92.1	98.3	106.3	109.7	112.9	117.6	127.3	140.3	151.0	162.7	174.3	195.8	238.0	276.2	302.6	322.1

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[1] 1983 preliminary for Australia, Brazil, and Egypt.

[2] Index categories are the same as U.S. categories unless otherwise indicated.

[3] For the three component categories, indexes for the Australian fiscal years 1950 through 1966 are presented as the indexes for the respective chronological years.

[4] Excluding alcohol for Sweden and, prior to 1966, for Austria.

[5] Published indexes have been adjusted or aggregated by BLS for comparability of items covered.

[6] Excluding rent and several other services prior to 1976.

[7] Indexes shown for 1960 refer to 1961.

[8] Paris only prior to 1965.

[9] Excluding footwear 1950-56; including household linen through 1970.

[10] Excluding the Saar, 1950 and 1955; including West Berlin beginning 1965.

[11] Indexes shown for 1950 refer to 1953.

[12] Including household fuels beginning 1977.

[13] Including rent, repairs, and furnishings, but excluding imputed rent and utilities.

[14] Indexes shown for 1960 refer to April through December.

[15] Excluding household furnishings and equipment.

[16] Indexes shown for 1955 refer to January 1956.

[17] Covering only food, clothing, utilities, and household goods in Mexico City prior to 1969.

- Data not available.

SOURCE: National and international statistical publications.

Table 137. Indexes of wholesale or producer prices, selected countries and years, 1955-83

[1967 = 100]

Country and index	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983-[1]
United States																	
Producer (wholesale) price index, total	87.8	94.9	96.6	110.4	114.0	119.1	134.7	160.1	174.9	183.0	194.2	209.3	235.6	268.8	293.4	299.3	303.1
Finished goods [2]	85.5	93.7	95.7	110.3	113.7	117.2	127.9	147.5	163.4	170.6	181.7	195.9	217.7	247.0	269.8	280.7	285.2
Finished consumer goods	88.5	94.5	96.1	109.9	112.9	116.6	129.2	149.3	163.6	169.7	180.7	194.9	217.9	248.9	271.3	281.0	284.6
Food	86.5	92.1	95.4	113.5	115.3	121.7	146.4	166.9	181.0	180.4	189.9	207.2	226.2	239.5	253.6	259.3	261.8
Other	90.1	96.3	96.6	107.7	111.4	113.5	118.6	138.6	153.1	162.6	174.3	186.7	211.5	250.8	276.5	287.8	291.4
Capital equipment	76.7	91.7	94.4	112.0	116.6	119.5	123.5	141.0	162.5	173.4	184.6	199.2	216.5	239.8	264.3	279.4	287.2
Intermediate materials	88.1	95.6	96.8	109.9	114.1	118.7	131.6	162.9	180.0	189.1	201.5	215.6	243.2	280.3	306.0	310.4	312.3
Crude materials for further processing	97.1	97.0	99.3	112.3	115.1	127.6	174.0	196.1	196.9	202.7	209.2	234.4	274.3	304.6	329.0	319.5	323.6
Canada																	
Industry selling (producer) price index for manufacturing, total	[3]87.8	[4]91.2	95.4	108.5	110.6	115.6	128.5	152.8	170.0	178.8	192.8	210.6	241.0	273.5	301.3	319.5	330.5
Food and nonalcoholic beverage industries	(5)	[4]87.2	93.9	109.5	112.9	123.0	150.7	177.9	195.7	198.4	212.1	235.8	265.9	294.0	319.1	333.5	344.2
Other industries	(5)	[4]92.1	95.7	108.1	110.0	113.8	123.5	147.2	164.2	174.3	188.4	205.1	235.5	268.8	297.1	316.1	327.2
Wholesale price index, total [6]	82.9	87.4	94.8	108.4	109.8	117.5	142.7	174.7	186.1	194.0	211.9	231.0	(5)	(5)	(5)	(5)	(5)
Fully and chiefly finished goods	81.9	88.3	95.3	108.8	112.8	121.0	139.4	166.8	183.7	193.9	211.0	232.2	(5)	(5)	(5)	(5)	(5)
Crude and partly processed goods, including raw food	85.2	85.2	93.9	107.7	103.9	110.7	149.3	190.3	190.8	193.4	212.5	227.9	(5)	(5)	(5)	(5)	(5)
France																	
Wholesale price index for raw materials and semifinished goods, total [7]	66.0	87.3	98.0	118.6	124.6	131.7	148.7	183.1	185.4	201.0	216.8	229.1	255.4	281.8	321.4	361.3	394.1
Industrial goods	69.6	88.3	98.2	117.0	119.5	125.0	143.4	185.2	174.6	187.5	198.0	206.6	234.1	254.7	282.5	313.9	348.6
Semifinished goods	69.3	88.9	97.9	115.1	119.7	126.2	140.1	178.8	176.9	186.8	195.6	206.0	233.7	256.2	285.0	320.5	349.2
Raw materials	69.4	86.0	99.1	122.7	118.8	121.6	153.1	203.9	167.8	189.6	204.8	208.1	235.1	250.6	275.0	294.8	346.9
Energy products	68.9	96.9	97.1	122.6	136.3	139.0	144.2	209.3	234.9	258.1	285.6	308.2	355.7	457.2	551.3	634.4	686.7
Food [7]	60.3	81.9	98.0	119.8	128.8	141.3	161.5	166.2	182.4	199.8	220.4	234.8	248.3	250.0	286.1	321.8	341.3
Germany, F.R [8]																	
Index of producer prices, manufacturing industries, total	90.5	92.8	99.3	106.3	110.7	113.3	121.0	137.2	141.7	146.7	150.8	152.0	159.8	171.0	181.3	190.0	192.9
Primary and producer goods industries	99.6	100.1	101.5	104.6	107.2	107.2	116.6	144.0	142.7	148.4	148.1	147.1	162.6	181.4	199.0	206.6	205.7
Investment goods industries	84.7	89.5	99.1	111.4	118.3	121.5	126.5	138.4	148.6	153.7	159.4	162.9	167.7	175.8	183.0	193.4	198.7
Consumer goods industries [9]	86.1	89.5	98.1	105.4	109.4	113.3	121.7	135.9	139.6	144.0	148.2	150.6	158.0	169.8	178.2	185.1	188.5
Food, beverage, and tobacco industries	91.4	90.8	97.0	101.9	105.6	109.5	119.0	125.8	130.6	135.2	144.5	143.3	143.9	147.3	154.1	163.2	166.8
Basic materials selling price index, total [10]	91.9	97.1	102.4	105.2	106.1	109.7	121.2	144.5	144.8	154.4	155.8	151.7	165.3	185.9	206.2	213.0	212.7
Italy																	
Wholesale price index, total	87.6	86.5	98.7	111.9	115.7	120.4	141.9	199.8	216.9	266.5	310.7	336.8	389.0	466.8	544.3	619.9	680.2
Finished consumer goods	82.4	81.9	97.8	112.5	118.2	124.1	138.8	176.2	199.6	246.2	294.9	325.5	363.6	425.7	489.1	561.4	624.9
Food	80.3	80.2	98.5	114.6	117.8	124.6	143.9	171.7	194.1	235.7	280.0	313.7	345.5	384.4	440.5	512.8	(5)
Finished capital goods	83.1	86.7	98.5	114.7	120.8	127.1	143.6	182.7	222.6	257.2	299.1	330.8	371.7	439.8	525.1	603.0	681.7
Materials for further processing	91.6	89.5	99.6	110.9	113.0	116.4	143.7	220.1	227.7	282.9	322.5	343.1	409.9	503.5	591.7	667.7	721.1
Japan																	
Wholesale price index, total [11]	89.8	92.2	95.6	107.8	107.2	108.2	125.4	164.6	169.7	178.7	182.3	177.7	190.4	223.9	227.2	231.3	226.3
Finished consumer goods	82.1	84.4	95.0	114.1	117.2	119.4	132.1	161.5	172.2	183.3	190.4	191.0	195.3	211.4	217.6	219.7	220.1
Food	(5)	(5)	92.9	118.8	124.8	127.7	141.7	173.4	192.1	213.4	225.8	227.7	231.0	248.8	261.4	264.2	(5)
Other	(5)	(5)	97.7	107.8	108.3	109.8	121.2	148.0	151.7	155.0	158.0	157.5	162.4	176.7	179.4	181.0	(5)
Finished capital goods	91.1	100.4	98.7	103.1	103.4	103.9	113.5	142.8	147.3	148.6	151.7	153.6	155.5	162.6	166.3	168.8	168.8
Materials for further processing	91.9	94.0	94.7	106.1	103.4	104.5	126.7	173.4	177.3	189.2	193.1	185.0	204.8	257.8	260.2	264.5	257.3
Producer price index for manufacturing, total [12]	(5)	(5)	(5)	105.3	104.0	105.1	120.9	153.0	156.5	165.0	169.7	168.7	177.1	(5)	(5)	(5)	(5)

See footnotes at end of table.

Table 137. Indexes of wholesale or producer prices, selected countries and years, 1955-83—Continued

[1967 = 100]

Country and index	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983-[1]
Netherlands																	
Producer price index, total	(5)	84.8	95.1	112.0	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Finished goods	(5)	84.2	93.9	110.9	115.8	121.8	130.0	142.8	152.4	164.3	173.9	176.2	180.9	195.7	213.7	227.9	232.0
Consumer goods [13]	(5)	(5)	(5)	100.0	104.3	109.6	117.3	128.5	136.8	147.7	156.6	158.6	162.4	176.5	193.6	206.7	210.4
Investment goods [13]	(5)	(5)	(5)	100.0	106.1	111.5	117.6	130.2	141.4	150.4	156.5	161.1	166.7	174.5	183.3	192.4	196.1
Materials for further processing [14]	(5)	94.9	98.9	111.2	113.8	114.1	130.9	174.8	177.8	192.4	197.9	191.0	211.6	252.8	303.6	318.0	313.2
United Kingdom																	
Wholesale price index for manufacturing industry outputs, total [15]	77.2	85.0	96.3	115.1	125.5	132.2	141.9	175.0	217.3	254.9	305.3	333.1	373.8	434.6	475.9	512.8	540.6
Food industries [16]	81.4	85.2	96.6	116.7	127.4	133.1	154.7	192.9	233.1	276.5	345.5	376.9	414.7	464.6	523.6	570.5	601.7
Other industries [17]	82.1	88.3	96.7	115.2	126.9	113.5	145.2	181.0	224.4	262.3	309.7	338.6	385.1	454.0	488.0	521.6	549.8
Wholesale price index for manufacturing industry basic materials and fuel inputs, total [18]	93.0	91.9	98.0	117.4	122.8	128.2	169.6	252.8	276.5	351.2	402.6	399.8	463.4	555.5	606.6	651.0	696.0

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[1] Preliminary estimates.

[2] Including raw foods and fuel sold to retailers.

[3] 1956.

[4] 1961.

[5] Not available.

[6] The general wholesale price index (1935-39 = 100) has been discontinued with the publication of the December 1978 index.

[7] Including finished goods, 1955-61. Index for food includes some finished products.

[8] Excluding the Saar prior to 1960 and including West Berlin beginning 1961.

[9] Excluding food, beverage, and tobacco industries.

[10] Break in series between 1967 and 1968: 1955-67, 1967 = 100; 1968-82, 1968 = 100.

[11] Including perishable foods (which are included in component indexes) from 1960, and including exports (which are not included in component indexes).

[12] Index discontinued with publication of the November 1979 index.

[13] 1970 = 100.

[14] From 1971, index of raw materials and semimanufacturers, including import prices.

[15] From 1981, new industrial classification, excluding petroleum refining.

[16] From 1981, including slaughterhouses.

[17] Excluding beverage and tobacco industries, which are included in the total index.

[18] From 1981, excluding crude oil and including petroleum products.

SOURCE: National statistical publications.

Table 138. Work stoppages, workers involved, and worktime lost, 14 countries, 1955–83

Item and year	United States [1]	Australia [2]	Belgium [3]	Canada [4]	Denmark [5]	France [6]	Germany, F.R. [7]	Italy [8]	Japan [9]	Netherlands	New Zealand	Sweden	Switzerland	United Kingdom [10]
Work stoppages														
1955	363	1,532	143	159	13	2,672	-	1,864	659	63	65	18	4	2,419
1956	287	1,306	148	229	98	2,440	-	1,781	646	80	50	12	5	2,648
1957	279	1,103	115	245	14	2,623	-	1,646	827	37	51	17	2	2,859
1958	332	987	43	259	15	954	-	1,756	903	73	49	10	3	2,629
1959	245	865	57	216	23	1,512	-	1,800	887	48	73	17	4	2,093
1960	222	1,145	61	274	82	1,494	-	2,348	1,063	121	60	31	8	2,832
1961	195	815	38	287	34	1,963	-	3,388	1,401	43	71	12	0	2,686
1962	211	1,183	40	311	26	1,884	-	3,532	1,299	24	96	10	2	2,449
1963	181	1,250	48	332	19	2,382	-	4,003	1,079	104	60	24	4	2,068
1964	246	1,334	41	343	40	2,281	-	3,727	1,234	53	93	14	1	2,524
1965	268	1,346	43	501	37	1,674	-	3,061	1,542	60	105	8	2	2,354
1966	321	1,273	74	617	22	1,711	-	2,299	1,252	20	145	26	2	1,937
1967	381	1,340	58	522	22	1,675	-	2,554	1,214	8	89	7	1	2,116
1968	392	1,713	71	582	17	1,103	-	3,272	1,546	11	153	7	1	2,378
1969	412	2,014	88	595	48	2,207	-	3,698	1,783	28	169	41	1	3,116
1970	381	2,738	151	542	77	2,942	-	4,065	2,260	99	323	134	3	3,906
1971	298	2,404	184	569	31	4,318	-	5,482	2,527	15	313	60	11	2,228
1972	250	2,298	191	598	35	3,464	-	4,699	2,498	31	266	44	5	2,497
1973	317	2,538	172	724	205	3,731	-	3,676	3,326	7	394	48	([11])	2,873
1974	424	2,809	235	1,218	134	3,381	-	5,087	5,211	14	380	85	3	2,922
1975	235	2,432	243	1,171	147	3,888	-	3,535	3,391	5	428	[12] 85	6	2,282
1976	231	2,055	281	1,039	204	4,348	-	2,645	2,720	11	487	73	19	2,016
1977	298	2,090	220	803	228	3,281	-	3,223	1,712	9	562	35	9	2,703
1978	219	2,277	195	1,058	314	3,195	-	2,415	1,517	11	411	99	10	2,471
1979	235	2,042	215	1,050	218	3,121	-	1,850	1,153	30	523	207	8	2,080
1980	187	2,429	132	1,028	225	2,118	-	2,000	1,133	11	352	212	5	1,330
1981	145	2,915	-	1,048	94	2,442	-	1,964	955	11	289	68	1	1,338
1982	96	2,060	-	677	180	-	-	1,691	944	12	326	46	1	1,528
1983 [6]	81	-	-	641	-	-	-	-	-	-	-	-	-	1,255
Workers involved (thousands)[13]														
1955	2,055	445	119-	60	6	792	598	1,186	1,033	22	20	3.9	.4	671
1956	1,370	428	176	89	66	666	52	1,240	1,098	37	14	1.6	.3	508
1957	887	337	339	81	3	2,161	45	1,117	1,557	1	16	1.6	.1	1,359
1958	1,587	283	63	111	9	858	203	1,147	1,279	5	14	.1	.8	524
1959	1,381	237	123	95	6	581	22	1,464	1,216	8	19	1.2	.1	646
1960	896	603	19	49	20	839	17	1,754	918	76	14	1.5	.2	819
1961	1,031	300	13	98	153	1,270	22	2,408	1,680	9	17	.1	0	779
1962	793	354	22	74	10	834	79	2,652	1,518	2	40	3.5	.2	4,423
1963	512	413	18	83	7	1,148	316	3,398	1,183	26	15	2.8	1.1	593
1964	1,183	546	41	101	8	1,047	6	3,036	1,050	8	35	1.9	.4	883
1965	999	475	19	172	14	688	6	2,075	1,682	23	15	.2	.0	876
1966	1,300	395	42	411	10	1,029	196	1,690	1,132	11	33	29.4	.0	544
1967	2,192	483	38	252	10	2,824	60	1,987	733	2	28	.1	.1	734
1968	1,855	720	29	224	29	464	25	4,414	1,163	5	37	.4	.1	2,258
1969	1,576	1,285	25	307	36	1,444	90	6,752	1,412	12	44	9.0	.0	1,665
1970	2,468	1,367	108	262	56	1,080	184	3,520	1,720	52	110	26.7	.3	1,801
1971	2,516	1,327	87	240	6	3,235	536	3,452	1,896	36	86	62.9	2.3	1,178
1972	975	1,114	67	706	8	2,721	23	4,073	1,544	20	60	7.1	.5	1,734
1973	1,400	803	62	348	337	2,246	185	5,763	2,236	58	116	4.3	([14])	1,528
1974	1,796	2,005	56	581	142	1,564	250	7,396	3,621	3	71	17.5	.3	1,626
1975	965	1,398	86	506	59	1,827	36	12,920	2,732	([15])	75	[11] 16.6	.3	809
1976	1,519	2,190	107	1,571	87	2,023	169	11,002	1,356	15	201	8.7	2.4	668
1977	1,212	596	66	218	36	1,920	34	13,072	692	36	159	13.1	1.4	1,166
1978	1,006	1,076	91	402	59	705	487	8,299	660	3	158	8.3	1.2	1,041
1979	1,021	1,863	56	463	157	967	77	14,914	450	32	158	32.3	.5	4,608
1980	795	1,173	27	441	62	501	45	12,260	563	20	108	746.7	3.6	834

See footnotes at end of table.

Table 138. Work stoppages, workers involved, and worktime lost, 14 countries, 1955–83—Continued

Item and year	United States[1]	Australia[2]	Belgium[3]	Canada[4]	Denmark[5]	France[6]	Germany, F.R.[7]	Italy[8]	Japan[9]	Netherlands	New Zealand	Sweden	Switzerland	United Kingdom[10]
Workers involved (thousands)[13] —Continued														
1981	729	1,252	-	339	53	329	253	7,443	247	9	79	99.2	(13)	1,513
1982	656	723	-	444	53	468	40	9,761	216	70	119	5.1	(13)	2,103
1983[8]	909	-	-	328	-	-	-	-	-	-	-	16.5	-	541
Working days lost (thousands)[16]														
1955	21,180	1,011	1,002	1,875	10	3,079	854	3,497	3,467	133	52	158.8	1.0	3,781
1956	26,840	1,121	948	1,246	1,087	1,423	1,580	1,937	4,562	213	24	4.0	1.4	2,083
1957	10,340	3,789	630	1,477	7	4,121	1,072	3,287	5,634	7	28	53.0	.7	8,412
1958	17,900	440	294	2,817	9	1,138	782	2,606	6,052	37	19	15.0	2.1	3,462
1959	60,850	365	983	2,227	18	1,938	62	7,282	6,020	14	30	23.9	2.0	5,270
1960	13,260	725	334	739	61	1,070	38	1,254	4,912	467	36	18.5	1.0	3,024
1961	10,140	607	92	1,335	2,308	2,601	68	7,880	6,150	25	38	2.1	0	3,046
1962	11,760	509	271	1,418	15	1,902	451	19,045	5,400	9	93	5.0	1.4	5,798
1963	10,020	582	247	917	24	5,992	1,846	10,075	2,770	38	54	25.0	70.7	1,755
1964	16,220	911	444	1,581	18	2,497	17	11,328	3,165	44	67	34.0	4.6	2,277
1965	15,140	816	70	2,350	242	980	49	5,945	5,669	55	22	4.1	.2	2,925
1966	16,000	732	533	5,178	15	2,524	27	13,620	2,742	13	99	351.6	.1	2,398
1967	31,320	705	182	3,975	10	4,204	390	7,294	1,830	6	139	.4	1.7	2,787
1968	35,567	1,079	364	5,083	34	423	25	8,299	2,841	14	130	1.2	1.8	4,690
1969	29,397	1,958	163	7,752	56	2,224	249	35,325	3,634	22	139	112.4	.2	6,846
1970	52,761	2,394	1,432	6,540	102	1,742	93	17,861	3,915	263	277	155.7	2.6	980
1971	35,538	3,069	1,240	2,867	21	4,388	4,484	10,699	6,029	97	163	839.0	7.5	3,551
1972	16,764	2,010	354	7,754	22	3,755	66	15,820	5,147	134	135	10.5	2.0	3,909
1973	16,260	2,635	866	5,776	3,901	3,915	563	19,749	4,604	584	272	11.8	(17)	7,197
1974	31,809	6,293	580	9,222	184	3,380	1,051	15,743	9,663	7	184	57.6	2.8	4,750
1975	17,563	3,510	610	10,909	100	3,869	69	20,603	8,016	(17)	215	[11] 44.5	1.8	6,012
1976	23,962	3,799	896	11,610	210	5,011	534	18,950	3,254	14	488	24.7	19.6	3,284
1977	21,258	1,655	659	3,308	230	3,666	24	13,364	1,518	236	437	87.2	4.6	142
1978	23,774	2,131	1,002	7,393	129	2,200	4,281	8,559	1,357	3	381	37.1	5.3	9,405
1979	20,409	3,964	622	7,834	173	3,657	483	22,002	930	307	382	28.7	2.3	9,474
1980	20,844	3,320	222	8,975	187	1,686	128	12,626	1,001	55	360	4,478.5	5.7	1,964
1981	16,908	4,192	-	8,878	652	1,496	58	8,046	554	24	245	209.1	(17)	4,266
1982	9,061	2,158	-	5,795	93	2,328	15	15,488	538	215	314	1.8	.6	5,313
1983[8]	17,461	-	-	4,464	-	-	-	-	-	-	-	38.9	-	3,593
Days lost per thousand employees in nonagricultural industries[18]														
1955	429	361	408	466	8	277	52	400	203	48	81	65	1	180
1956	526	390	376	291	875	126	93	216	249	75	37	2	1	98
1957	201	217	1,471	333	6	353	61	355	287	2	42	21	(18)	394
1958	353	150	116	631	7	96	44	278	293	13	27	6	1	163
1959	1,164	121	388	482	14	163	3	762	278	5	43	9	1	247
1960	248	232	130	156	44	89	2	427	216	153	50	7	(18)	138
1961	189	194	35	278	1,614	213	3	766	257	8	51	1	0	137
1962	214	158	101	285	10	151	22	1,800	214	3	122	2	1	258
1963	178	176	90	178	16	460	90	928	106	12	69	8	29	78
1964	280	263	159	295	12	185	1	1,045	117	13	83	11	2	100
1965	252	226	25	416	153	71	2	567	201	16	26	1	(18)	127
1966	257	188	189	863	9	180	1	1,307	93	4	114	112	(18)	103
1967	483	174	65	641	6	295	19	683	60	2	159	(18)	1	122
1968	535	259	130	795	20	29	1	763	91	4	148	(18)	1	207
1969	429	455	57	1,170	32	150	12	3,186	115	6	154	35	(18)	302
1970	759	535	484	951	58	114	4	1,560	120	70	297	48	1	488
1971	507	666	411	407	12	282	205	924	178	26	171	250	3	625

See footnotes at end of table.

Table 138. Work stoppages, workers involved, and worktime lost, 14 countries, 1955-83—Continued

Item and year	United States [1]	Australia [2]	Belgium [3]	Canada [4]	Denmark [5]	France [6]	Germany, F.R. [7]	Italy [8]	Japan [9]	Netherlands	New Zealand	Sweden	Switzerland	United Kingdom [10]
Days lost per thousand employees in nonagricultural industries[16] —Continued														
1972	230	432	117	1,058	12	236	3	1,367	150	36	147	3	1	1,102
1973	215	546	281	743	2,055	240	25	1,668	128	154	302	3	([11])	324
1974	413	1,279	184	1,138	98	203	48	1,285	268	2	179	16	1	659
1975	230	717	196	1,324	54	234	3	1,649	222	([18])	207	[12] 12	1	269
1976	303	770	291	1,382	110	300	25	1,503	88	4	465	7	8	148
1977	259	336	214	387	120	216	1	1,014	41	62	412	24	2	456
1978	277	433	326	839	64	129	199	647	36	1	359	10	2	420
1979	231	800	200	853	85	214	22	1,630	24	78	360	8	1	1,296
1980	235	653	71	945	93	98	6	921	25	14	340	1,175	2	531
1981	172	802	-	908	330	88	3	583	14	6	241	55	([18])	200
1982	102	413	-	615	47	136	([18])	1,120	13	56	309	([18])	([18])	254
1983 [8]	195	-	-	471	-	-	-	-	-	-	-	10	-	175

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[1] Excludes disputes involving less than 1,000 workers or lasting less than a full day or shift. For international comparisons, data on disputes involving 6 workers or more should be used. The United States no longer collects work stoppages data at this level of activity. However, they are available to 1981 in the *Handbook of Labor Statistics*, BLS Bulletin 2175 (1983), table 147.

[2] Excludes disputes resulting in less than 10 working days lost.

[3] Excludes workers indirectly affected.

[4] Excludes disputes resulting in less than 10 working days lost. Excludes workers indirectly affected by a dispute in their own establishment.

[5] Includes only disputes involving members of the Employers' Federation in 1956-67. Excludes political disputes and disputes resulting in less than 100 working days lost.

[6] Excludes disputes in agriculture and public administration. For 1968, the period of the national strike in May and June is excluded.

[7] Includes the Saar beginning 1957 and West Berlin beginning 1961. Excludes disputes lasting less than 1 day unless a loss of more than 100 working days is involved.

[8] Preliminary.

[9] Excludes strikes in the agricultural sector, political strikes, and workers indirectly affected by a dispute in their own establishment. Data on hours lost are converted into working days by dividing by 8.

[10] Excludes disputes lasting less than 4 hours and workers indirectly affected by a dispute in their own establishment.

[11] Only two strikes occurred, each one lasting not more than a couple of hours.

[12] Excludes one dispute in agriculture involving 7,000 workers and 321,000 working days lost.

[13] Workers are counted more than once if they were involved in more than one stoppage during the year.

[14] Excludes disputes not connected with terms of employment or conditions of labor and disputes involving less than 10 workers or lasting less than 1 day unless a loss of more than 100 working days is involved. Includes workers indirectly involved in the establishment, but not those in other establishments.

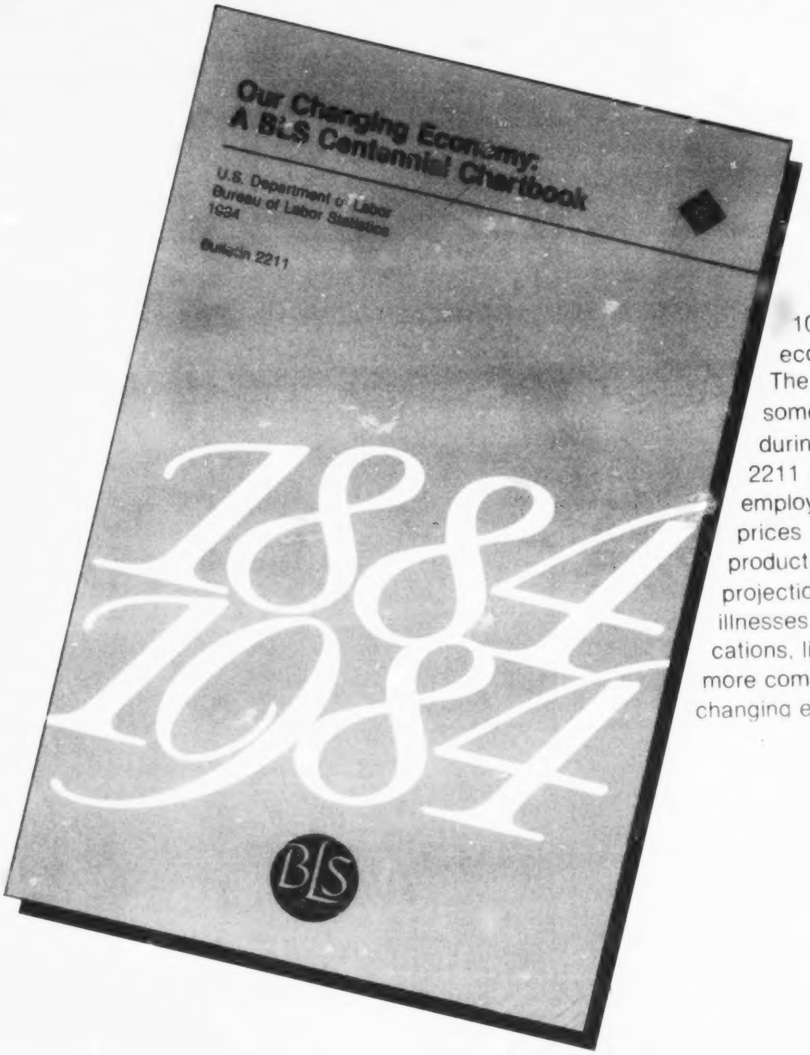
[15] Less than 500 workers involved.

[16] Days lost include all stoppages in effect.

[17] Less than 500 working days lost.

[18] Less than 1 day per thousand employees

- Data not available.



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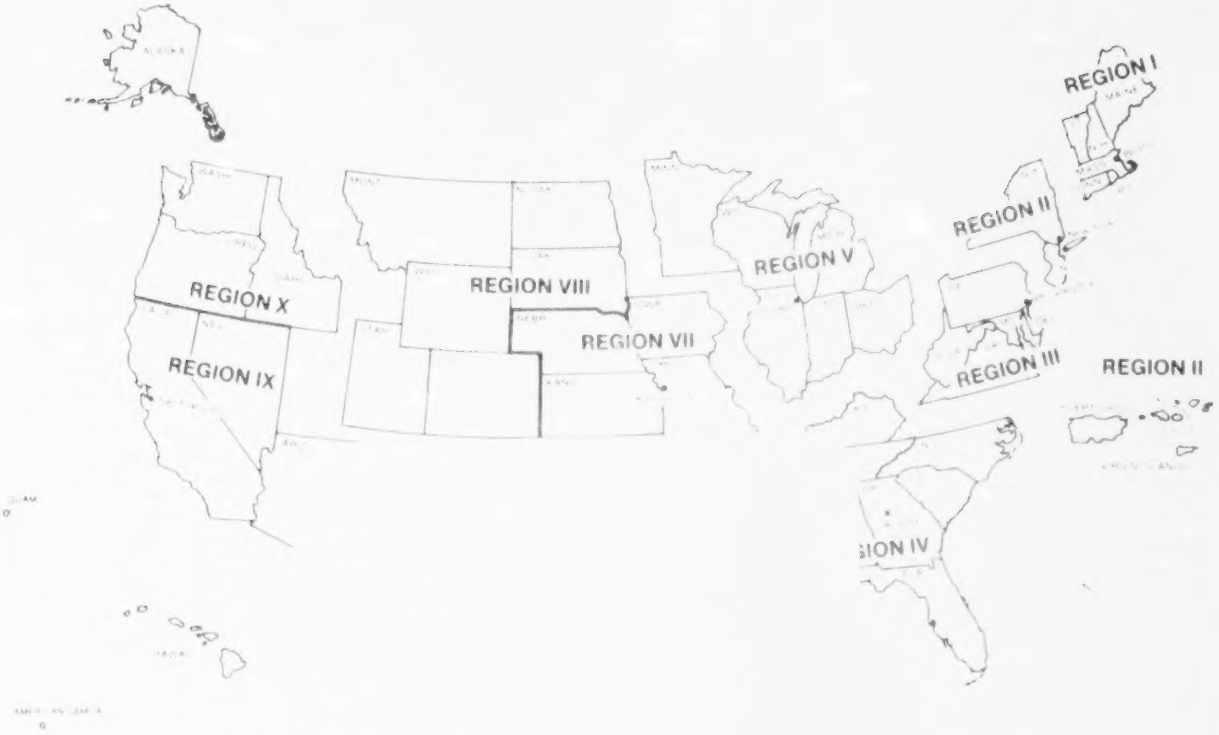
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